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Recollection

1st

A Synopsis of

Cultivated Orchids.

(supplementary to Folia Orchidac.)

by P. H. Gosse.

1874.

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Preface.

In this Synopsis I have enumerated the genera and species of cultivated Orchids, that are not included in Professor Lindley's 'Folia Orchidacea.' I have given a résumé of the characters of each genus; a reference to the definition of each species; and to illustrative figures; — so far only as these data are to be collected from works existing in my own library.

V. H. G.

October, 1874.

Explanation of Reference Letters.

N.B. — Those in black ink refer to letter-press; those in red or coloured ink to figures. The letter **d.** signifies that a definition, or description of the species is given.

B.	Bateman. Monog. Odontogloss.
B.R.	Botanical Register.
B.Pl.	Botanical Plates.
2d C.	Second Century of Orch.
Curt.	Curtis's Gift of Bot. Mag.
D.	Sale catalogue of Dawson's Orchids at Meadowbank.
Fl.Pl.	Floral Plates. (octavo)
FF.	Fairfield Orchids.
G.&S.	Lindley. Genera & Species.
I.	Bot. Mag. bought of Irvine.
Jen.	Jennings. Orchids.
J. Ref.	P.H.G.s Jamaican Referenda
L.&A.	L'Illustration Horticole.
Loud.	Loudon. Encycl. of Plants. (S. refers to the Supplement)

.Pl. Loose Plates from Gard. Chron.
lo. Moore's Orchids.
T.O. New Orchids.
.cult. Orchids. Their Culture & Hist.
.L. Lindley. Orchidaceae Lindenianae.
esc. Pescatorea.
xt. Paxton. Flower Garden.
.Pl. Floral Plates (in quarto.)

L. } [illegible]
Co. } [illegible]

Distribution of Genera.

I. e Malaxideæ.

a. Pleurothallidæ. Px. 3.
Masdevallia. O.L.
b. Liparidæ.
Dendrochilum.
c. Dendrobiadæ.
Dendrobium.
Bolbophyllum.
Sarcopodium. F.O.
Megaclinium.
Cirrhopetalum.
Eria.
d. Corallorhizidæ. G.+S. 533

II. Epidendreæ.

a. Cœlogynidæ.

Cœlogyne. F. O.
Pleione. F. O.; Px. 2.

b. [illegible].

c. Laeliadæ.

Epidendrum. F. O.; Px. 1.
Sophronitis. Px. 3.
Hartwegia.
Arpophyllum.
Barkeria. Pesc.
Broughtonia. Px. 3.
Laeliopsis. Px. 3.
Laelia.
Cattleya. Px. 1. 3. 15.
Schomburgkia.
Chysis. Px. 2.
Leptotes.
Brassavola.
Evelyna. O. L.

d.

d. Bletiadæ.

Phajus.
Bletia.
Thunia. Spathoglottis
Plocoglottis. Paxtonia

III. Vandeæ.

a. Sarcanthidæ.

Eulophia.
Galeandra.
Cyrtopera.
Lissochilus
Luisia. F.O.
Vanda. F.O.; Px.2.
Renanthera. Pesc.
Phalænopsis.
Camarotis.
Saccolabium.
Sarcochilus.
Cleisostoma. Px.3.
Polychilos. F.O. Trichoglottis
Angræcum.
Aerides
Aeranthus.
Acampe. F.O.

b. Cryptochilidæ.

Cryptochilus. Acanthophippium.

c. Brassiadæ.

Cymbidium.

Grammatophyllum Px. 2.

Ansellia

Aspasia

Trichopilia. Px. 2.

Helcia Px. 2.

Nanodes

Pilumna

Fernandezia = Lockhartia. Hook.

Oncidium. F.O.; Px. 1.

Mesospinidium.

Odontoglossum. F.O., Px. 1.

Brassia. F.O.

Miltonia F.O.

Palumbina Rch. O. cult.

[illegible].

Ada [illegible]. F.O.

d. Pachyphyllidæ.

e. Maxillariadae.

Stanhopea. F.O.

Houlletia. Px. 3.

Peristeria.

Acineta. Px.1.

Batemannia.

Gongora.

Acropera. Px.1.

Coryanthes. F.O.; Px.3.

Coelia. *

Warrea. Px.1.

Huntleya. Px.3.

Zygopetalum. [illegible]. Psc.

Bifrenaria.

Maxillaria. Px 3.

Lycaste. Px.1.

Anguloa. Pesc.

Scuticaria.

Colax.

Paphinia.

Polystachya.

---

*Promenaea

Grobya

f. Catasetidæ.

Catasetum.
Myanthus.
Mormodes.
Cycnoches. Px. 3.
Cyrtopodium.

g. Notylidæ. Px. 3.

h. Ionopsidæ.

Rodriguezia.
Scelochilus. Px. 3.
Burlingtonia. Px. 1; 3. 99.
Ionopsis. F. O.
Comparettia.
Trichocentrum. Px. 1.

i. Calanthidæ.

Calanthe. F. O.; Px. 3.
Limatodes. F. O.; Px. 3.

IV. Ophreæ.

a. Serapiadæ. G.&S.

b. Satyriidæ. G.&S.

c. Gymnadeniadæ.

d. Holotrichidæ.

e. Disadæ.
Disa. G.&S.
Penthea. G.&S.
Herschellia. G.&S.

f. Corycidæ. G.&S.

V. Arethuseæ.

a. Limodoridæ.

b. Acianthidæ.

c. Caleyadæ.

d. Pogoniadæ.

e. Gastrodiadæ.

f. Vanilladæ.

Sobralia. F.O.
Epistephium.
Vanilla.

VI. Neotteæ. G.&S.

a. Cranichidæ. G.&S.

b. Listeradæ. G.&S.

Neottia. G.&S.

Calochilus. G.&S.

Epipactis.. G.&S.

tt.

c. Spiranthidæ . G.&S.
Sarcogllottis. G.&S.
Stenorhynchus . G.&S.
Saurogllossum . G.&S.

d. Physuridæ . G.&S.
Goodyera . G.&S.
Anactochilus . G.&S.
Physurus . G.&S.

e. Thelymitradæ . G.&S.

VII. Cypripedeæ . G.&S. Px.1.
Cypripedium . G.&S. Px.1.
Selenipedium . Pesc.*bis*.
Uropedium . Px.1.; O.L. Pesc.

Synopsis.

I. Malaxideæ.

a. Pleurothallidæ. F.O.

Masdevallia. Flo. Per.

Sepals united into a tube, free and ribbon-shaped at their tips. Petals free, minute. Lip jointed to col., sessile, oblong, concave, minute. Peruvian epiphytes, with a rhizome suddenly small; leaves oblong-lanceolate narrowing into a footstalk; — scapes radical, single-flowered (?); — flowers very large. [2d. Cent. 120.]

1. Triangulares.
2. Polyanthæ.
3. Cæspitosæ.
4. Coriaceæ.
5. Saccilabiatæ.
6. Racemosæ.

triangularis. Ldy. O.L. d. Merida.

inæqualis. Rch. N.O.ii. d.

Schlimii. Linden. O.L. d. Merida

polyantha. Ldy. O.L. d. Merida

sdevallia.

phippium. Rch. N.O.ii. d.

ivilis. Rch. O.Cult. Bot.Pl.

[illegible] Rch. N.O.ii. d.

Wageneriana. Ldy. Px.3.; Bot. Pl.

Estradæ. Rch. N.O.ii. d.

oriacea. Ldy. O.L.; N.O.ii. d. Bogota.
a. Bonplandi Rch.

macrura. Rch. N.O.ii. d.

imanda. F.W.B. $\frac{71}{1421}$

idens. Chron. $\frac{74}{338}$

nelanopus. Rch. N.O.ii. d.

aloptera. Rch. — " .

olysticta. Rch. — " .

occinea. Linden. O.L. L.Pl. Pamplona.
= Lindeni. $\frac{72}{1068}$. N.O.ii.; Jen.17.; O.P.

Veitchiana. Rch. N.O.i.d.ii. Peru.
Bot. Pl.; Fl. Pl.; W.ii.33.

sdevallia.

Carryana. Rch. N.O.ii.d. Fl.Pl. N.Gren.
Co.
a. carminea. D.158–160. Co.

Denisoniana. Q.Pl.

gnea. Rch. N.O.ii.d. Q.Pl. N.Granada
a. Marshalliana. N.O.ii.d.

Tovarensis. Rch. = candida. Klo. Columbia
O.Cult.; 2.Cent.120.: N.O.ii.

lepanthiopsis.

ffinis. Lily. O.L.d. Columbia

ceris. O.L.

tubulosa. Lily. O.L.d. Merida.

minuta. O.L.

cucullata. Lily. O.L.d. Bogota.

caudata. Lily. O.L.d.; D. $\frac{\text{ii}}{243}$. Quindiu
a. maculata. D. $\frac{\text{iii}}{125}$.

[illegible]

rochilus

wattii.

naculata.

Benedictii.

Bruchmülleri.

infracta
Lond. S.

carminata

fenestrata.

centoplusa.

attenuata. N.O.d.

floribunda

Firminia.

nepica.

linus.

ochrana.

humile.

Rio-grandensis

ratica

nusta.

riptera. Rolfe.

crana.

llasidea. Rch. $\frac{74}{106}$

himaera. Linden.

ypterina. Rch. N.O.ii. d.

elifera. Rch. N.O.ii. d.

acemosa

errucosa. Rch. N.O.ii.

rodactyla. Rch. N.O.ii. d.

cithodes.

Roezlii

Houlleana. Rch. N.O.ii. d.

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tubulosa, 26

uniflora, [illegible]

[illegible], 15

[illegible], 55

[illegible], 47

verrucosa, 55

[illegible], 5

b. Liparidæ.

Dendrochilum. Bl.

ls & petals equal, spreading. Lip en-
, sub-like the sepals, concave at the
, or keeled; sometimes crested. Co-
. short, semi terete terminating in
ed processes. Leaves leathery, ge-
ly solitary, from pseudo bulbs. Flo-
es terminal on slender, filiform, many
ed. Young flowers hidden under
inate bracts, two-rowed.

filiforme. Bl. FF. Philippines

glumaceum. Ldy. FF. 2. Cent. 134. — " —

a. latifolium.

b. longifolium.

c. Dendrobiadæ.

Dendrobium.

ls membranaceous, erect or spread-
. the laterals longer, oblique with
roduced base, connate with column.
tals membranaceous, generally larger
upper Sepal, rarely smaller.
ip articulate or connate with foot of
; always sessile, undivided or
bed; generally membranaceous, base
ppendiculate.
lumn semi-terete, much produced at
ase.
ther 2-chambered.
linia 4, in collateral pairs.

2. Strongyle

— " — plane (or wanting

Lip plumose, or pectinate 3. Desmotrichum

— " — neither plumose nor pectinate

Stems lengthened, leafed on all sides

Flowers in fascicles 4. Eudendrobium

— " — " racemes

Petals small

Lip long, narrow, naked inside 5. Pedilonum

— " — short, dilated 6. Stachyobium

Petals antenniform 7. Ceratobium

Stems clubbed, leafy only at tip 8. Dendrocoryne

Stems very short, or mere pseudobulbs 9. Bolbodium

Rhizomes only. 10. Rhizobium.

§1. Aporum.

es equitant, [illegible]. Flowers inconspicuous. (Pet. i. 19(.))

micranthum. Griff.

anceps. Lindley. India

Lamb. S.

Leonis. Ly.

[illegible]. Ly.

aloefolium. Blume.

sinuatum. Ly.

cuspidatum. Wallich.

indivisum. Bl.

lobatum. Bl.

incrassatum. Bl.

serra. Ly.

subteres. Gr.

§2. Strongyle.

[illegible] shaped, or tapering. Plant
ittle or no beauty. (Pxt. i. 131.)

gracile. Ly.

tenellum. Ly.

subulatum. Ly.

teretifolium. R.Br. Australia

acerosum. Ly. Malacca

. Schoeninum. Ly. Australia

. teres. Ly.

. crispatum. Sw. [illegible]

. aciculare. Ly. Malacca

. junceum. Ly. N.O.ii. Malacca.

. calamiforme. Lodd. Australia

§3. Desmotrichum.

ves flat. Stems erect, often
e or less swollen. Flowers con-
cuous: the end of the Lip split
; long tufted fringes; or, in
nibulbe, marginal threads. (P. i. 134.)

scopa. Ly.

criniferum. Ly. Ceylon

comatum. Ly.

angulatum. Ly.
(See also No. 83.)

Blumei. Ly.

planibulbe. Ly.

ciliatum Moulm.

O. cult. Bot. Pl.

ms long, leafy, erect or pendulous.
wers lateral, in pairs or threes; —
never feathered or tufted. (Pxt. i. 135)

Stem smooth.
Lip entire.
" — 3-lobed.
Stem nigro-hirsute.

a. Stem smooth. Lip entire.

1. Grandia. (Paxt. ii. 94.)

macrophyllum. Bl. [illegible]
Sep. oblong-acute. Pet. oblong, [illegible]
[illegible]. Column [illegible]. Manilla
N. Orch. Pesc. 40. Warn. i. [illegible]. Co.

Dayanum Borneo
FF. Co.

anosmum FF Philippines

moniliforme. Ldy. = Linawianum. Rch.
japan.
B. Reg. 1314. FF. Loud.
Stem erect, clavate, branching, with swollen internodes. Leaves oblong, obtuse, obliquely emarginate. Flowers in pairs longer than the leaves: sep. & pet. oblong, acute, veined; lip hooded, acute conformed.

caerulescens Lindl. = Wallichii. Hort.
([illegible] nobile, Bull.) FF. Khasya

nobile. Lindl. Co. — Macao
FF. Lind. S. [illegible]
[illegible]

tortile Lindl. [illegible] — [illegible]
Bot. Pl. FF. ; Jen. 19. Co. — [illegible]

Parishii. Batem. — Moulmein
2d Cent. 126. FF. ; Jen. 39.

Bensoniae. Rchb. — Moulmein
Bot. Pl. ; Flo. Pl. FF. Jen. [illegible].
α. aurantiacum. Rchb. N.O.ii.d.

crystallinum. Rchb. — [illegible]
N.Or. FF.

Wardianum — Assam
Warn. i.19. N.Or. FF. ; Jen. 2.

crassinode. Rchb. — Burmah
Bot. Pl. N.Or. FF.

Boxallii. Rchb. — Moulmein
G.Ch. $\frac{74}{315}$. Jen. 19.

× Ainsworthii. Hort. { heterocarpum / nobile
G.Ch. $\frac{74}{255}$. N.O.ii. figs.

Amboynense Batem. Amboyna.
2d. Cent. 179.

× lituiflorum. Ldy. = Hanburyanum. Rch. India.
Warn. ii. 3. FF.

× Bullerianum
Bot. Pl.

×× Findleyanum.

2. Transparentia. Pxt. ii. 95.

pulchellum. Rxb. Sylhet
Bot. Pl. FF. L.

Devonianum. Pxt. Khasya
N.Or. Warn. ii. //. FF.

Pierardii. Rxb. India
FF. ; Loud. L. ; Co.

cretaceum. Ldy. India
Bot. Pl. FF. I.

cucullatum. R. Br. India
FF. (? Pierardii.) I.

Egertoniæ. Ldy. India
Pxt. i. 63.

end. a. 2.

mesochlorum. Ldly. India
Paxt. i. 63.

crepidatum. Ldly. India
Paxt. i. 63. 2d Cent. 129. FF.

transparens. Wall. E. Ind.
Paxt. i. 133. Bot. Pl. FF.

amoenum. Wall. = Limod. aphyllum. Br.
Nepal.

macrostachyum. Ldly. Ceylon.
Co.

gemellum. Ldy. = Pedil. biflorum. Bl.
Sunda Is.

foliosum. Brogn. Java

candidum. Wall. Himalaya
Paxt. i. 63.

nutans. Ldly. Ceylon

stuposum. Ldly India

connatum. Ldly. Java

3. Chrysantha. Paxt. ii. 95.

chrysanthum. Wall. FF. India
Co. III

senile. Rch. Moulmein
O. cult. ; 2d Cent. 147. d

Paxtoni. Ldly. (not Hort.) Khasya

Cambridgeanum. Paxt. - ochreatum. Ldly.
Bot. Pl. FF. N. India

dixanthum. Rch. Moulm.
O. cult. 2d Cent. 197. FF.

heterocarpum. Wall. aureum. Ldly.
Bot. Pl. ; 2d Cent. 150. FF. Co. Ceylon

rugosum. Ldly. Java

salaccense. Ldly. Java

primulinum India
FF.

b. Stem smooth. Lip 3-lobed
Paxt. i. 135.

Ruckeri. Ldly.	Philipp.
annuligerum. Rch. N. Or.	Manilla.
lasioglossum. Rch. N. Or. Bot. Pl. FF.	Burmah.
sanguinolentum. Ldly. FF. Jan. 19.	India Ceylon. Borneo.
Huttoni. Rch. N. Or.	Sunda Is.
aqueum. Ldly. Bot. Pl.	Bombay.
album. Wight. Paxt. ii. 175.	
revolutum. Ldly. Paxt. i. 63.	Malacca
excisum. Ldly.	
bilobum. Ldly.	

calcaratum. Lindl.

crumenatum. Sw. Burma

biflorum. Sw. Society Is.

angulatum bis. Wall.

acuminatissimum. Lindl. Manilla

Cunninghami. Lindl. N. Zeal.

luzonense. Lindl. Philipp.

tridentiferum. Lindl.

tetraedre Lindl.

and. C.

c. Stem nigro-hirsute.

formosum. . [illegible]
FF. Co.

infundibulum. Ldly. Moulm.
O. cult. 2d Cent. 122. FF. L. & A.
a. Moulmeinense D. $\frac{iii}{102'578}$.

Jamesianum. Rch. Burmah
N. Or. i. N. O. ii.; See D. $\frac{i}{46}$.

hedyosmum. Batem. Moulm.
2d Cent. 155.

eburneum. Rch. = draconis. Rch.
2d Cent. 166. FF. Moulm.

longicornu. Ldly. Nepal.
Bo. Reg. 1315.

Lowii. Ldly. Borneo
2d Cent. 189. FF.

xanthophlebium. Ldy. marginatum [Batem.
2d Cent. 105. Bot. Pl.

cariniferum. Rch.
N. Or.

Williamsoni. Rch. Assam.
N. Or.

villosulum. Wall. India
Pxt. ii. 82.

Jerdonianum. Wight. Neilgherri [illegible]
N. Or.

? calamiforme. R. Br.

N. Or.

? Draconis Rch. = eburneum.

N. Or.

[illegible]

D. $\frac{\text{iii}}{\text{vi}}$.

[illegible] [illegible]

N. Or. ii. d.

il.

§ 5. Pedilonum:

it of Eudendrobium. Flowers
acemes, with very small petals,
a long narrow, naked lip.

(Pxt. 1. 135.)

secundum. Wall. Sumatra.
Bot. Reg. 1291. Bot. Pl.

erosum. Ldly.

hymenophyllum. Ldly. Java.

Kuhlii. Ldly. Java.

Hasseltii. Ldly. Java.

Reinwardtii. Ldly.

pictum. Ldly. Borneo
O. cult.

lucens. Rch.
O. cult.

lilacinum. Rch. Borneo.
O. cult.

auro-roseum.
O. cult.

cumulatum. Lindl. . Khasias
N. Or. Bot. Pl.

amethystoglossum. . Manilla
G. Ch. $\frac{72}{189}$.

rhodocentrum.
G. Ch. $\frac{72}{426}$. (N. O. ii. d.)

erythroxanthum. Rchb. f. Philipp.
N. O. ii. d.

§6. Stachyobium.

Pedilonum, but petals of full lip dilated, sometimes running wards in a kind of pouch. Yellow prevailing colour. The genus e assumes its greatest development, and its highest brilliance.
(Pxt. i. 135.)

a. Lip entire.

1. Aurea.

auriferum. Ldly. (China)

7 flavescens. Ldly. Java.

8 rhombeum. Ldly. Manilla.
= aureum. Rch.

9 luteolum. Batem. Moulm.
O. cult. 2d Cent. 185. FF.

0 sulcatum. Ldly. Khasya.
FF.

polyanthum. Wall.

2 acrobaticum. Rch. Moulmein
G. Ch. $\frac{71}{802}$. (N. O. ii. cl.)

chy. a. 1.

nodatum. Rchb. Aphrodite Rchb. Moulmein

O. cult. Bot. Pl. FF.

Gibsoni. Paxt. India

Paxt. ii. 133. FF.

binoculare. Rchb. Burmah.

N. Or.

fuscatum. Hook.

N. Or.

fimbriatum. Hooker. India

Paxt. iii. 51. W. ii. 19. FF.

a. oculatum. FF. = Paxtoni.

chrysotis. Rchb. Assam

N. Or. G. Ch. $\frac{73}{613}$. (N. O. ii.) FF.

Hookerianum. Lindl. Darjiling.

G. Ch. $\frac{73}{613}$.

clavatum. Wall. FF. India

Paxt. ii. 104.

moschatum. Wall. = calceolaria. Hook.

Curt. 3837. FF. = cupreum. Herb.

Burmah.

ob. α. 2.

2. Axantha.

Dalhousieanum. Paxt. India
W. i. 22. FF. L. ; Co.

albo-sanguineum Moulmein
Paxt. ii. 99. 2d Cent. 173. FF.

M'Carthiae. Hooker. Ceylon
2d Cent. 158. FF.

-mutabile. Ldly. Java.

sclerophyllum Ldly. = rigidum. Bl.

triadenium. Ldly. India
Bot. Pl.

aduncum. Ldly. FF. Co. India

japonicum. Bl. = castum. Batem.
Bot. Pl. FF. = moniliforme. Sw.

nudum. Bl. Java.

1 calcaratum. Rich.
(See also in Eud. 6.

2 ramosum. Ldly.

achy. a. 2.;b.

herbaceum. Ldly.

b. Lip 3-lobed.

barbatulum. Ldly. Heyneanum. Hon

Paxt. iii. 113. FF. = Fytchianum. Batem.

2d Cent. 102. O. cult. Moulmein

lancifolium. A. Rich.

bicameratum. Ldly. Khasya

elongatum. Cunn. Australia

bicolor. Ldly.

catenatum. Ldly.

denudans. Don. India

alpestre. Royle. Himalaya

cuspidatum. Ldly.

achy. b.

breviflorum. Ldly. E. Indies.

pycnostachyum. Ldly. Moulmein.
O. cult.

§7. Ceratobium.

ems tall, erect. Leaves flat. Flo.
long racemes; petals long, nar-
s, antennæform. (Pxt. 1. 136.)

- Mirbelianum. Gaud. [?] Guinea

veratrifolium. Ldly. ? Guinea

macranthum. A. Rd. Manilla
FF. ?

antennatum. Ldly.

taurinum. Ldly. Manilla
G.Ch. $\frac{72}{774}$.

Gouldii. Rch. Polynesia
N. Or.

atob.

undulatum. R. Br. = discolor. Lindl.
2d Cent. 195. I. Jun.

2 affine. Lindly.

§ 8. Dendrocoryne.

ms contracted at the base, swollen the middle or above, diminished at tip & thus club shaped. Leaves on- near the tip. (Pxt. i. 136.)

a. Flowers terminal.
chiefly from Australia.)

3 speciosum. Sm. N.S.Wales
FF. Loud.

4 canaliculatum. R. Br. Australia

5 Hillii. Hook. (var. of speciosum. Bull. N. Australia.
2d Cent. 195.

6 æmulum. R. Br. Australia

Tattonianum. Batem. N. Austr.
Or. cult. Bot. Pl.

endroc. a.

8 Kingianum. Bidw. Queensland
Bot. Pl.

9 bigibbum. Paxt. [illegible]
Paxt. iii. 25. 2d Cent. 169. War. ii. 8. FF.

0 elongatum. Queensl.

1 tetragonum. Cunn. Morton B.

2 Macraei. Ldly. India

3 longicolle. Ldly. Malacca

4 hexadesmia. Rch.
N. Or.

5 fugax. Rch. India
G.Ch. $\frac{71}{1257}$. N. O. ii

6 convexum. Ldly.
(See G.Ch. $\frac{71}{1257}$.

7 xantholeucum. Rch.
(See G.Ch. $\frac{71}{1257}$.

b. Flowers lateral.

chrysotoxum. Ldly. FF. I. India

9 Farmeri. Paxt. India
Paxt. iii. 104. 2d Cent. 132. ~~Warn. ii. 8.~~ Pesc.
O. cult. FF. ; Jen. 24. Co.

Griffithianum. Ldly. Burmah
FF. D. 269.

aggregatum. Roxb. FF. Co. India
a. majus. Co.

2 compressum. Ldly. Ceylon.

3 densiflorum. Wall. India
Bot. Pl. (var.) FF. Loud. S. Co.
a. Griffithianum. D. $\frac{iii}{786}$. Jen. 24.

Schroederi
G. Ch. $\frac{71}{1547}$. Flo. Pl. FF. (See Jen. 24.) India

palpebræ. Ldly. = bicolor. Mouln.
Paxt. i. 48. FF. L. ; Co.

6 Falconeri. Batem. Bootan
2d Cent. 137. Bot. Pl. FF.

Johannis. Rch. N. Austral.
Or. cult. Bot. Pl.

endroc. b.

8 suavissimum. Rch. Burmah.
G.Ch. $\frac{74}{406}$ (N.O. ii.)

8× thyrsiflorum Moulmein
a. [illegible] . D.[illegible]

§9. Bolbodium.

o stems, but mere pseudo-bulbs set on
prostrate rhizome. Except Jenkinsii
y possess little beauty. (Pxt. i. 136.)

a. Lip entire.

9 Jenkinsii. Wall. Gualpara.
War. ii. 28. FF.

10 Braccatum. Ldly.

11 muscicola. Ldly.

12 pygmaeum. Ldly.

3 subacaule. Griff.

4 ? tricuspe. Ldly.

5 ? plicatile. Ldly.

6 lamellatum. Ldly.

7 ? pusillum. Ldly.

Bulbod. a, b.

98 ? triflorum. Ldly.

99 appendiculatum. Ldly.

b. Lip 3-lobed.

00 extinctorium. Ldly.

01 microbolbon. A. Rd.

02 ? angustifolium. Ldly.

03 ? convexum. Ldly.

04 ? grandiflorum. Ldly.

05 ? cymbidioides. Ldly. Java.
Bot. Pl.

6 ? elongatum. Ldly.

7 ? geminatum Ldly.

§10. Rhizobium

bscure species, consisting of but so-
lary coriaceous leaves, seated on
creeping rhizome. (Pxt. i. 136.)

18 linguaeforme. Sw. N.S. Wales.
Bot. Pl. ; Loud.

19 cucumerinum. McLeay. Australia
Bot. Pl.

0 pugioniforme. Cunn.

1 rigidum. R. Br. Australia

Spe[illegible].

2 capillipes (Stev. catal. $\frac{259}{4266}$) Assam
squalens. Ldly. Brazil
undulatum Flo. Per Peru
variegatum. Flo. Per. - " -
longifolium. Kunth. Popayan
gragidifolium D $\frac{\text{iii}}{93}$.
Guiberti (Linden's Catal.)
Ho[illegible]ianum
Veitchianum

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Bolbophyllum. Thouars.

Sepals erect acuminate, subequal, the lateral ones connate with the foot of the column and oblique at the base. Petals smaller, (very rarely subequal to sepals). Lip jointed to foot of column, clawed. Column small, two-toothed in front. Rhizome [illegible] bulbiferous. Flowers radical.

[leopardinum.] Sarcopodium.	India.
1. Careyanum	India
2. [illegible]	India
3. erectum.	Mauritius
4. radiatum.	India
5. barbigerum	Sierra Leo.
6. saltatorium Loud. S.	S. Leone
7. cocoinum	S. Leone
8. recurvum.	S. Leone
9. fuscum.	S. Leone

lbophyllum.

minutum.	N. Holland
tetragonum	S. Leone
clavatum.	Mauritius
cylindricum	India
cupreum	Manilla.
flavidum	S. Leone.
hirtum.	India
imbricatum	S. Leone.
limbatum	Singapore
occultum	S. Leone.
setigerum	Guiana
bracteolatum	Guiana
umbellatum.	India
vaginatum.	Singapore.

reticulatum. Batem. 2.Cent. 190.

llophyllum.

5. Dayanum. Rch. Burmah.
O. cult. d.

6. lalonicans. Rch.
O. cult. d.

7. psittacoglossum. Rch.
O. cult. d.

8. nasutum. Rch.
N.O. ii. d.

9. auricomum D. iii 521.

0 malacodenia

Sarcopodium. Ldy. F.O.

Megaclinium. Ldly.

Sepals erect, unequal; lat. ones small-
, united with Column. Petals short.
ip short, entire, jointed to col.-base.
ol. short, margined discoid. G.Chro. $\frac{13}{648}$.

1 falcatum. a. majus	W. Africa
2. maximum Loud.S.	— " —
3. velutinum	— " —
4. bufo Veg. K.	— " —
5. oxypterum	— " —
6. purpuratum Fl. Pl.	— " —

Cirrhopetalum. Ldly. (Mo.)

Sepals gaping; laterals very long, pointed, oblique, united to the produced Col.-base, the ~~upper~~ laterals out far the longest. Petals minute. Lip entire, jointed to Col.-base. Column [illegible]; produced at base, two-horned at tip. [illegible] monophyllous remote on a rhizome. Flowers in a dense raceme, in [illegible] [illegible] white.

1. vaginatum. Ldy.	Singapore
2. Medusae. Ldy. Mo.; 2.Cent. 148.	– " –
3. caespitosum. Wall.	India.
4. cornutum. Ldy.	Khasya
5. [illegible]. Bl.	" India
6. Chinense. Ldy. Mo.	China
7. Thouarsii. Ldy. Mo.	Madagas. to Tahiti
8. Wallichii. Ldy	Nepal.
9. Macraei. Ldy	Ceylon.

irhopetalum.

0. picturatum. Ldy.	India
1. auratum. Ldy. Ms.	Philippines
2. Cumingii. Ldy.	—,,—
3. nutans. Ldy.	—,,—
4. candelabrum. Ldy.	—,,—
5. fimbriatum. Ldy.	India
6. glutinosum	
7. umbellatum	

Eria. Ldly.

Perianth woolly, connivent or expanded. three-lobed, jointed with an unguiform rocess of the Column, to whose sides lateral sepals are united. (Lindley)

1. paniculata.	India
2. platicaulis.	— „ —
3. callosa.	— „ —
4. carinata.	— „ —
5. densiflora.	— „ —
6. pumila.	— „ —
7. excavata.	— „ —
8. flava.	Nepal.
9. farinosa	Ceylon.
10. bicolor	— „
11. rosea.	China
12. stellata. Ldly. Loud. 762.	java
13. clavicaulis. D. 350.	China

ia.

. floribunda.		Singapore.
a. tenuistachya.	Px. 3. 116.	
. longicaulis.		China
. longilabris		Philippines
. polyura.		— "
pulchella.		India
vestita		— " —
0. acervata. Lndl.	Px. I. 170. d.	"
1. extinctoria	Fl. Pl.	
2. Beringtoniana. Rchb.	N. O. ii.	Borneo.
3. armeniaca Lndl.	I.	Philippines
4. convallarioides. Lndl.	I.	India.
a. major.	I.	
5 pubescens. Lndl.		— " —
6. amica	D. $\frac{iii}{891}$.	
7. myristicaeformis	D. $\frac{iv}{440}$.	
28. obesa.	D. $\frac{iv}{443}$.	

II. Epidendreæ.

a. Cœlogynidæ.

Cœlogyne. F.O.

Pleione. F.O.; Px.ii.

b. Isochilidæ.

c. Læliadæ.

Epidendrum. F.O.; Px.i.

Sophronitis. Ldly. Px.iii.10.

Sepals and Petals expanding, subequal, imbricate, free. Lip entire, cucullate, tongue-shaped, the base connate with the col., in general with a simple transverse crest in the middle, & two axial lamellæ. Column free, winged at apex. Pseudobulbs one-leafed.

ophronitis.

1. cernua. Ldly. Brazil
= isopetala Hoffgg.
= Hoffmannseggii. Rchb.
= nutans. Rchb.
Px. iii. 10. ; Curt. ; ~~Mo.~~ FF. Co.

2 grandiflora. Ldly. Brazil.
= Cattl. coccinea. Bot. Reg.
Px. iii. 10. d. ; Curt. ; Mo. ; Fl. Pl. ; FF. ; Jen. 5.
Loud. S. L. ; Co. II.

3. violacea. Ldly. Organ Mts.
Px. iii. 10. d. ; FF.

4. pterocarpa. Ldly. Brazil
Px. iii. 11. ; FF.

Hartwegia. Ldl.

lateral sepals drawn out at base, adnate
lip. Lip connate with column without
t base, ovate.

1. crassifolia. Guatem.

2 purpurea . Mexico

a. angustifolia.

Arpophyllum. Ldl.

1. giganteum. Ldl. . Mexico
W.i. ; FF.

2. cardinale. Rchb. . N. Granada
Pesc. 45. d.

3. squarrosum.
; D. $\frac{3}{49}$.

Barkeria. Knowles.

1 elegans. Kno. Mexico
Pesc. 10. d.

2 [illegible] Guatem.

3. Lindleyana. FF. Costa Rica
a. Centerae. Rchb. N.O. ii. d. Jan. 14.

4 melanocaulon Costa Rica

5 spectabilis Guatemala
FF. . Co.

Broughtonia R.Br.

Column distinct, or at the very base nited with the unguiculate lip. Lip ucullate, spurred; the spur adhering to the sepals. (Loud.; Paxt. iii.

1. aurea. Mexico

2. sanguinea. Bro. FF. Jamaica
= coccinea.
J.Ref. ; Loud. Co.

3 nitida. E. Indies.

Laeliopsis. Ldly.

As Cattleya in every respect, but that he flowers are membranous, and the eins of the lip are bearded.

1. Lindeni. Ldly. Or. Lind. d. Cuba.

2. Chinensis

3 Cubensis.

4. Domingensis Ldly. Hayti.
= lilacina. Benth.
Pxt. iii. 155. d. L.

Schomburgkia. Lindl.

Sepals and Petals consimilar, spreading, all free, and equal at the base. Lip membranous, 2-3 lobed, cucullate, connate at base with margin of column; tumid [illegible] with [illegible] veins. Column [illegible]. Pollinia 8. [illegible]

1. crispa. Lindl.	La Guayra
W.	
2. marginata. Lindl.	Surinam
Curt. d. ; W. ; Lind. S.	
3 rosea.	Sierra Nev.
W.	
4. tibicinis.	Honduras
W.	
a. grandiflora.	
5. undulata. Lindl.	La Guayra
Pesc. 32. ; W. ii. 21. d.	
6. Lyonsii. Lindl.	Jamaica
Pesc. 32. ; W. ii. 21.	
7 [illegible] (= undulata)	
D. 30.	
[illegible]	

Cattleya. Ldly.

Sepals membranaceous or fleshy, patent, equal. Petals generally larger. Lip hooded rolled around column; 3-lobed or entire. Column clubbed, long, half round, margined, jointed to lip. Anther fleshy, 4-celled, margins of septa membranous. Pollinia 4.

§1. ~~Labiatæ~~. Clavatæ.

Bulb a flattened club. Lip, much developed, mid lobe trumpet-form.

1. labiata. Ldly. FF. Brazil
Co.

a. Mossiæ Venezuela
Fl. Pl. O. cult. FF. L.

b. Wageneri. Rch.
O. cult. 2d Cent. 108. Pesc. 9

c. pallida = Warscewiczii delicata
Paxt. 2. Warn. 1. 4. FF.

d. Trianæ. = lacera. Rch. N.O.; D. N. Gran.
Co. ? = Warscewiczii. FF.

Dodgsoni. Q. Pl.
e. quadricolor. Ldly. = eldorado. FF.
2d Cent. 108. O. cult. N.O. ii. FF. G. Ch. $\frac{6. \,71}{1323}$
N. Granada
Co.

f. Exoniensis × {C. Mossiæ / L. purpurata}
Fl. P. FF. D. 496. W. ii. 36. Jen. 1.
× fausta. Rch. N.O. ii. {Exoniensis / Dodgsoni ''}

g. Rollissonæ
Fl. P.

Lab. (Cattl.)

h. Warneri — Brazil

W. i. 8. Fl. Pl. FF.

i. Dawsoni

W. i. 16.

j. speciosissima. Lowe

N. O.

k. Pescatorei. D. $\frac{\text{iii}}{212}$.

l. Mendellii. D. $\frac{\text{i}}{[illegible]}$.

m picta = Sion House} D. $\frac{\text{i}}{258}$.

2. maxima. Ldly. — Columbia

2d Cent. 131. O. cult. 39d. FF.

a. alba. D. $\frac{\text{iii}}{809}$.

3. Luddemanniana. Rch.

Pesc. 9.

4. lemoniana. Ldly.

5. lobata. Ldly.
= Boothiana. O. cult. 54d. FF.

6. Dowiana. Batem. — Costa rica

2d Cent. 191. W. ii. 27. O. cult. FF. Jen. 33.

7. Skinneri. Batem. — Guatem

Bot. Pl. FF.

8. Guatemalensis

Fl. Pl.

9. Chocoensis.

10. gigas. Lden. N. Gren

a. imperialis

Jen. 18.

(b) Dominiana × { maxima / amethystina } Jen.

§2. Baculatae.

Bulb along terete (or fusiform) = club.
Lip moderate; mid-lobe flat, or nearly.

11. superba. Ldly. Brazil
= Cymb. violaceum. Humb.
= Schomburgkii. Lodd.
a. splendens. N.O. ii.

Warn. I. 24. FF. L.; Co.

12. Schilleriana. Rch.
a. concolor.

Bot. Pl.; Jen. 25.

13. granulosa. Ldly.
a. Brabantiae × { [illegible] / [illegible] } Jen.

Bot. Pl. Fl. Pl. (a.)

14. guttata. Ldly. I.
= elatior. L. = sphenophora Mor.
a. Russelliana
b. Leopoldii. FF.

B. Reg. 1406. Curt. 3693 (a). Pesc. 43. Pax. II. (b). FF.

Cattleya
Bac.

15. bicolor. Ldly.
Bot. Pl. FF. O.

16. intermedia. Gr. FF. ; L. ; Co
= amethystina

17. Lindleyana. Batem.
2d Cent. 175. O. cult.

18. Loddigesii. Ldly.
= vestalis. Hff. = Papeiansiana. N.
FF. [illegible]. L., Co.

19. amethystoglossa. Rch.
Warn. i. 2. O. cult. fig. FF. O. ; Co.

20. sulphurea. Rch.
O. cult.

21. Harrisoniana. Batem. FF.
a. candida.
O. cult. b. violacea. FF.

22. velutina. Rch.
N. O. G. Ch. $\frac{72}{1259}$. (N. O. ii). G. Ch. $\frac{[illegible]}{213}$.

23. Walkeriana. Gard.
= bulbosa. Ldly.
Paxt. 1. Pesc. 41. G. Ch. $\frac{72}{1137}$. FF. O.

24. Regnellii.
Warn. ii. 22. (See Jenn. 25.

25. Aclandiae. Ldly.
2d Cent. 119. FF. O. Co.

Bac.

26. quinquecolor. × { [illegible] / [illegible] } { [illegible]
Fl. Pl.

27. pumila. Hook. = spectabilis Brasil
FF.
W. ii.
a. marginata FF.
b. Pinelli.

28. Forbesii. Ldly.
Co.

× [illegible] { guttata / [illegible] } { [illegible]

× Langlosii { [illegible] / [illegible] } { [illegible]

× Devoniensis { crispa / guttata } { [illegible]

× hybrida { granulosa / [illegible] } { [illegible]

× [illegible]neyana { crispa / granulosa. } { [illegible]

§3. Ovatae.

Bulb egg-shaped. Lip expanded, rich. (Flowers yellow).

29. citrina. Ldly. = Karwinskii. Hort.
Curt. 3742. Pesc. 9. F.F.O. Co.

30 sulphurina. Lem.
= luteola = Holfordii.
Pesc. 9. Bot. Pl.

§3. Ovatae.

Bulb egg-shaped. Lip expanded, simp.
(Flowers yellow).

29 citrina. Lindl. = Karwinskii Mart.
Curt. 3742. Pesc. 9. FF.O. Co.

30 sulphurina. Lem.
= luteola = Holfordii.
Pesc. 9. Bot. Pl.

[illegible]
Cattleya
11 Arembergii
12 maritima
13 odoratissima
14 speciosa
15 [illegible] = [illegible]

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Laelia. Lindley.

Sepals flat, lanceolate, equal. Petals larger, somewhat diverse, fleshy, flat. Lip behind, 3-partite, lamellate, rolled around column. Column un-winged, fleshy, channeled in front. Pollinia 8. [See note by Dr Hooker in Or. Cult.

§1. Clavatae.

Bulb a flattened club. Lip much developed; mid-lobe trumpet-form.

1. grandis. Ldly.
Pxt. i. 60. 2d Cent. 136. O. cult.

2. purpurata. Ldly. = Brysiana FF.
Pxt. iii. 111. Pesc. 37. Warn. i. 40. FF. Jen. [illegible] L. Co.

3. elegans. Hort.
a. Turneri
b. Wolstenholmiae.
c. Marshallia
2d Cent. 136. Warn. i. 17. (a) Ibid. ii. 29 (b). (c). FF.
Pesc. 23. Co. Jen. 22.

4. praestans. Rch.
2d Cent. 128. FF.

5. crispa. Ldly. Brazil.
a. purpurea. Warn. ii. 9. FF. Co.

Lal. clav.

6. Jongheana. Rch.
G.Ch. $\frac{72}{425}$ · $\frac{72}{1137}$ ·

7. Wallisii. Lind.
O. cult. 39 d.

8. gigantea. Warn.
Warn. 1. 6.

9. superbiens. Ldly.
Warn. 1. 20. FF.

10. xanthina. Ldly.
2d Cent. 180.

11. flava.
2d. Cent. 180. (vide)

12. Perinii.
FF. Co. ii.

13 Pilcheri × { C. crispa / Perinnii } Jenn. 1.
Flo. Pl.

14 × flammea. Rch. N. O. ii.

15 × Veitchiana. N. O. ii. d.

15× irrorata D. $\frac{iii}{102}$

[illegible] Jenn 22, D. $\frac{1}{11}$.

§2. Attenuatæ.

Bulb small, globose at base, becoming a tall slender, round stem. Lip small, tubular, crisp.

16. cinnabarina
Bot. Pl. FF. Co.

17. crispilabia. Rch.
Warn. ii. 6.

18. harpophylla. Rch.
C. Ch. $\frac{73}{542}$. (N.O. ii. d.) Q. Pl.

§3. Ovata.

Bulb egg-shaped. Lip mid-lobe flat.

19. anceps. Ldly. FF. Co.
a. Dawsoni. Flo. Pl. N.O.ii.d. W.ii.
Curt. 3804. N.O. ; G.Ch. $\frac{73}{254}$; Jen.6.

20. autumnalis Ldly. FF.
Curt. 3817. ; Loud.S. Co.

21. furfuracea. Ldly. FF.
Curt. 3810.

22. albida FF. Co.
a. grandiflora. c. Tuckerii. D$\frac{iii}{670}$.
b. rosea Flo. Pl.

23. acuminata. Ldy. FF. [illegible]
a. violacea b. peduncularis.
Bot. Pl.; I.

24. majalis
Bot. Pl. FF.

25 rubescens. I.I.

26. primulina

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novimexicana. 3.

montana 10.

Chrysis [illegible].

[illegible] slightly [illegible], the last [illegible] the [illegible] of the Col. [illegible] [illegible]. [illegible]. Lip [illegible] [illegible] Col. [illegible] [illegible] [illegible] [illegible] of [illegible]

1. [illegible]. Pxt. II. 11. [illegible] [illegible].
   a. [illegible] [illegible] FF.
   b. [illegible]. [illegible]. [illegible]

2. [illegible]. Mexic.
   1. [illegible] d.; FF. L., Co.

3. [illegible]. [illegible].
   W [illegible].; FF.

[illegible]
D. $\overset{\text{ii.}}{538}$, $\overset{\text{iv}}{869}$

Sepiletes. Saly.

[illegible] [illegible] [illegible] [illegible] [illegible], [illegible]
[illegible]. [illegible] 3 [illegible] parallel with
[illegible] [illegible] segments [illegible] [illegible] [illegible]
[illegible] [illegible] segment oblique, with [illegible] [illegible].
[illegible] [illegible] [illegible] thick [illegible] [illegible].
[illegible].

1. [illegible]. [illegible]. Brazil.

FF. Loud.S. L.; Co.
[illegible] [illegible].

Cuvl.

2. [illegible]. Brazil.

3. [illegible].

Brassavola. Lindl.

Sep. & Pet. subequal, free, pointed. Lip hooded, entire, covering the column. Column marginate, clavate. Toothed at tip. Pollen masses 8. Herbaceous, tufted, generally stemless, epiphytes, bearing a single leaf, [illegible] [illegible] [illegible] fragrant [illegible] stiff sharp-pointed ([illegible] the other [illegible] that of Cattleya.) Flowers terminal, large, showy, white.

1. angustata. — Demerara

2. cordata. Lindl. — Brazil.
Paxt. L.

3. cucullata. R. Br. — W. Indies
T.

4. cuspidata. Hook. — Trinidad
Gard.

5. Digbyana. — Honduras
Bot. m., FF.

6. elegans. — Antigua

7. glauca. Lindl. — Vera Cruz.
T., FF.

8. grandiflora. — Honduras
Gu.

[illegible] 87

[illegible]

9. lineata — S. Amer.

[illegible]

10. Mexicana — [illegible]

11. nodosa Sdy. — Jamaica

[illegible] d. ; [illegible] L.

12. Perrini Sdy. — Brazil.

Dupl.

13 obtusa — [illegible]

14. tuberculata — [illegible]

15 [illegible] Sdy. — Honduras

I.

16. [illegible] Sdy. — Guatem.

[illegible] d.

17. fragrans

D. 538.

18. [illegible]

19. [illegible]

20. [illegible]

Evelyna. Pöpp. & Endl.

1. bracteescens. Lindl. — Merida
Orch. Lind. d.

2. capitata. L. O.L. d. — Sierra Nev.

3. [illegible] L. O.L. d — "

4. ensata. L. O.L. d.

5. flavescens. L. O.L. d — Truxillo.

6. furfuracea. L. O.L. d. — Merida.

7. kermesina. L. O.L. d. — Mariquita

8. lupulina. L. O.L. d. — Sierra Nev.

9. aurantiaca.

11. [illegible]

[illegible] Caravata. Lindl. — Guiana
[illegible] Loud.S

Phajus. Lour.

Sepals & Petals subequal, spreading, free. Lip usually hooded, adnate to the base of column, spurred, entire or 3-lobed, usually crested. [illegible] [illegible]. Column is erect, continuous with the [illegible] [illegible], [illegible]. [illegible] Pollinia 8. Lind.

1. angustifolius. Mauritius.

2. bicolor. Ceylon.

3. callosus. Java.

4. flavus. India.

5. grandifolius. China.

Tankervilliae.

FF. Co. II.

6. intermedius. India.

7. maculatus. Nepal.

FF. = Bl. Woodfordii, Hook. I.

Phaius.

[illegible] Wallichii [illegible]

FF.

irroratus

FI.PI. ; L. [illegible]

10. Bernaysii. [illegible] Queensland

N.O.ii.d.

11. Marshalliae

D. 305.

[illegible] Blumei. [illegible]

N.O.ii.

[illegible]

Bletia. Ruiz, Pav.

Nearly as Phajus, but the lip, though sometimes saccate, is never spurred. Sepals generally spreading, but sometimes connivent. [illegible] sword-shaped, plaited leaves, & upright racemes of flowers.

1. campanulata.	Peru.
2. florida. R.Br. B.Reg. 1401. d.; J.ref.	W. Indies
3. Parkinsoni. Hook. Curt.	Mexico.
4. reflexa. Lindl.	Mexico.
5. Sherrattiana Bot. Pl.	
6. gebina. Lindl. I.; Ms.	Japan.
7. hyacinthina. R.Br. Co.	China.
8. verecunda. R.Br. Co. a. Shepherdii b. pallida	W. Indies
9. acutipetala. Hook.	Carolina
10. Guineensis. Ben.	W. Africa

Bletia.

11. patula. Hook. W. Indies

12. [illegible] Lindl. Cuba.

13. [illegible] Lindl. Mexico

14. gracilis. Lindl. Mexico

15. [illegible] Peru.

[illegible]

1. [illegible]

D. IV/815.

Thunia.

1. alba. Wall. Sylhet
FF. Loud. S.

2. Bensoniæ. Burmah.
Bot. Pl. FF. Jen. 35.

3. Th. [illegible]
Shy. 1160.

Spathoglottis. Blume.

As Bletia, except that the [illegible] the Lip is clawed (or stalked), and [illegible] some deep plates at its base [illegible] 2-celled.

1. Fortuni. Lindl. China.
Mo.

2. plicata. Bl. [illegible]

Paxtonia. Lindl.

Sepals & Petals free, spreading [illegible]; Lip similar to the other petals. Col. erect, round, tall, slightly clavate.

1. rosea. Lindl. Manilla.
Mo. ; Loud. S.

III. Vandeæ.

a. Sarcanthidæ.

Eulophia. R. Br.

Sepals and Petals free, uniform, ascending, spreading. Lip spurred, with a sessile crested lamina, 3-lobed. Pollinia 2.

1. barbata.	S. Africa.
2. lurida	W. Africa
3. virens	Ceylon
4. fusca	India
5. gracilis. Ldly. Loud. 762.	W. Africa
6. Guineensis. Ldly. I.; Loud. 762.	W. Africa
7. longicornis	S. Africa
8. macrostachya	Ceylon

Eulophia.

9. squalida.	Manilla
10 scripta. Ldly. G.Chron. $\frac{72}{1003}$ d.	Madagasc.
11. streptopetala. Ldly. I. ; D. 300.	Brazil ?

Galeandra. Ldly.

Flower spreading or connivent, ascending, free. Lip funnel-shaped, spurred, entire, sessile, sometimes fringed at margin. Column erect, winged. Poll. 2. Terrestrial or epiphyte; stems leafed; racemes terminal. [2d Cent.]

1. Baueri. Ldly. I. ; Bot. Pl.	Demerara
2. cristata	Demerara
3. Devoniana. Ldly. Pxt. ii. 180. ; 2d. Cent. 152. ; W. i. ; FF. ; L. & A.	Brazil.
4. gracilis. Loud. 1264.	W. Africa
5. Dives. Rch. 2d Cent. 157.	N. Grenada
6. minax. Rch. N. O. ii.	

Cyrtopera. Ldly.

Perianth. flattened. Sep. & Pet. ascending, sub-equal, connate with claw of Column. Lip spurless, concave, 3-lobed, with callous crested or tubercled veins. Column half-round, margined. Poll. 2.

1. Woodfordii. Hook.	Trinidad.
Loud. 1265. ; ~~L~~d. (~~Bletia~~) J.ref.	
2. flavescens.	Mexico
3. plicata.	India.
4. flava. Ldly.	India
= Cullenii. Wight.	
N.O.i.d.	

Lissochilus. R. Bro.

Sepals herbaceous, spreading or reflexed, free. Petals larger, spreading, wing-like. Lip saccate, concave, sub-entire or 3-lobed, generally connate with base of col. Column erect, short, half-round. Poll. 2.

1. luteus.	S. Africa
2. parviflorus. Ldly.	— " —
3. tristis	— " —
4. linearis	— " —
5. speciosus. R. Br. [illegible] I.	— " —
6 streptopetalus. Ldly.	— " —
7. roseus. Ldly. Mo.	W. Africa
8. Horsfallii. Batem. 2d Cent. 121. ; O. cult.	— " —
9. Krebsii Bot. Pl.	

Luisia. Gaud. F.O.

Vanda. R. Bro. F.O.

Renanthera. Lour. [v. Pesc. d.]

As Aerides; but Sepals very long and spreading and Lip only slightly saccate at base.

1. arachnites. Sw. — Japan
Loud. 762. (Aerides arachn.

2. coccinea. Lour. — Coch. Chi.
B. R. 1131. d.; Loud.

3. matutina. Lindley. — Java.
Pesc. 12. d.; D. 658.

micrantha. Blu. — Java.
Pesc.

elongata. Ldy. — Java.
Pes.

moluccana. Blu. — Moluccas
Pesc.

Sulingi. Ldy.
Pesc.

bilinguis. Rch. — Macao.
Pesc.

Lowii. Rch. = Vanda L. Ldy.
2d Cent. 161.; W. ii.

Phalaenopsis. Ldly. (Blum.)

Perianth flat, spreading. Sepals free. Petals larger, dilated. Lip connate with base of column, free, 3-lobed, callous at base; lat. lobes ascending, middle lobe narrow, bicirrhous. Column lying in [illegible], [illegible]. Poll. 2.

Epiphytes with stems rooting, simple. Leaves rigid, broadly ovate, obliquely cut at apex. Flowers in panicles. Asia.

1. amabilis. Blu. Manilla
Loud. 1266. ; Mo. d. FF.
a. longifolia.
b. rotundifolia.
c. picta. D. oo.
d. grandiflora. Ldly Java, Born.
2d Cent. 114. d. ; W. ii. ; FF. Co.

2. Veitchiana. Rch.
N. O. ii. d.

3. rosea. Ldly. = equestris. Rch. Manilla.
Pxt. ii. 174. ; Bot. Pl. ; FF. ; Jen. 27.

4. intermedia. Ldly.
= Portei. Rch.
O. cult. ; Pxt. iii. 163. ; W. ii.

Phalanopsis.

5. Parishii. Rch. Burmah.
O.cult. d.; Bot. Pl.; F.F.
a. Lobbii. Rch. India.
N.O.ii. d.

6. amethystina. Rch. Sunda Is.
O.cult. d.; L. Pl.; Jen. 27.

7. Wightii. Rch. India
O.cult. d.

8. deliciosa.

9. Hebe

10. Schilleriana. Rch. Philipp. Is.
2d Cent. 171.; W. i.; FF.; Jen. 15

11. Lowii. Rch. Moulmein
2d Cent. 168.; W. ii. 15.; FF. Co.

12. Lüddemanniana. Rch. Philipp. Is.
O.cult. d.; 2d Cent. 133.; FF.
a. delicata. Rch.
b. ochracea. Rch.

13. cornu-cervi. Kuhl. Moulmein
2d Cent. [illegible]. d.

14. Sumatrana. Rch. Sumatra.
= zebrina.
O.cult. d.; 2d Cent. 146.

Phalaenopsis.

15 violacea Teijsm.

O. cult.

16. pallens. Rchb.

O. c.

17. pantherina. Rchb.

O. c.

18. Mannii. Rchb. Sikkim

N. O. i. d. ; Jenn. 27.

19. fuscata. Rchb. Malacca.

N. O ii. d.

Camarotis. Ldly.

Perianth flattened. Lat. sep. connate with Lip. Petals less, free. Lip obovate, channeled, appen. in base of lip. Column erect. round, beaked. poll. 2. bifid.

1. Brasiliensis. Brazil

2. obtusa. India

3. purpurea. Ldly India
FF. [illegible]

Saccolabium. Ldl.

Perianth flattened, spreading. Sep. [illegible]. Lip entire, spurred, connate with base of column. Column [illegible], with awl-shaped beak. Pollinia 2. Epiphytes, stemmed, with leaves distichous, leathery, oblique at apex. Flowers axillary, racemose or solitary.

1. ampullaceum. Ldl. 2d Cent. 186. d.; Fl. Pl.; FF.	Sylhet.
2. Blumei. Ldl. Pesc. 21.; FF.	Java.
a. Lowi.	Moulmein
3. carinatum.	India
4. compressum.	Manilla
5. curvifolium. Ldl. Cent. 130.; FF. = miniatum. Hook. Bot: Pl.	Nepal.
6. densiflorum a. pallidum.	Manilla
7. denticulatum Bot. Pl.	Sylhet.

Saccolabium

8. gemmatum.	Sylhet
9. guttatum. Roxb.	India
Bot. Reg. 1443.	
a. majus. FF.	
b. Holfordianum W. ii. 18.	
10. macrostachyum	Philippines
11. micranthum. Ldly.	India.
12. miniatum. Ldly. (not Hook.)	Java.
13. [illegible]	Ceylon
14. papillosum. Ldly.	India
[illegible]	
15. praemorsum.	Malabar.
FF.	
16. bigibbum	
Bot. Pl.	
17. giganteum.	Burmah
= Vanda densiflora. Ldly.	
Bot. Pl.; FF.; O. cult. d. Jen. 8.	
18. Harrisonianum	Manilla
O. cult.; Bot. Pl.; FF.	

Saccolabium.

Huttoni

buccosum. Rchb. — India.

N.O.i.d.

violaceum. Lindl. — Manilla.

W.i.; I. (Ven...); FF.

retusum. — Java

FF.

Rheedii

D. $\overset{ii}{525}$.

24. Cruickshankii

G.Chron. $\frac{74.2}{83.}$

calceolare. D. $\overset{iii}{50}$.

[illegible]

[illegible]

[illegible]

ceylanicum.

Sarcochilus. R. Br.

Perianth spreading. Lat. sepals con-nate with [illegible]. Petal. [illegible]. Lip spurred, [illegible], [illegible], [illegible]. Poll. 2.

1. calcaratus. Manila

2. [illegible]. Manila

3. falcatus R. Br. [illegible]

[illegible] 1767.

4. [illegible]

Acampe Ldl. F.O.

Cleisostoma. Blume.

[illegible] Sepals and petals [illegible] Lip fleshy [illegible] spurred, the spur [illegible] [illegible] & [illegible]. Column [illegible]

1. dentatum	Manilla
2. discolor	India
3. decipiens	Ceylon
4. ionosmum	Manilla
5. latifolium	Singapore
6. maculosum.	Ceylon
7. roseum.	Manilla
8. spicatum.	Borneo
9. tridentatum.	Australia
10. bicolor. Lindl. Pxt. ii. 190.	Manilla
11. crassifolium. Lindl. P. iii. 1[illegible].	Moulmein
12. Dawsonianum. Rchb.	Moulmein

N.O.i.d. ; D.654.

Trichoglottis. Bl.

1. Philippinensis. Ldl. [illegible]

2. Guibertii.

3. Dawsoniana.

4. tenera. Ldly.

5. fasciata. Rch.
N.O.ii.d.

Aerides. Lour.

Sepals and Petals spreading, uniform, large. Lip spurred or saccate, inserted at end of the claw-like process, to whose edges the petals are united. Coll. 2-lobed behind.

Epiphytes of Tropical Asia. Leaves leathery, distichous, oblique at the tip. Flowers in dense cylindrical racemes, on axillary stalks.

§. a.

Lip entire, plane, sometimes eared at the base.

1. affine. Wall. Sylhet
= multiflorum Roxb.
Pxt. ii. 110. d.

2. roseum. Lodd. India.
= affine. Hook. (not Wall.)
Pxt. ii. 109. d. Cc.
a. Pale rose, unspotted.
b. Dark rose, spotted.

3. maculosum. Lndly. Bombay.
a. Schroederi. Henfr. Pesc. 33. d.
Pxt. ii. 110.

4. Lindleyanum. Wight. India.
Pxt. ii. 110. d.

Aerides.

5. japonicum.
Bot. Pl.

5x Fieldingii . India.
FF. Jen.70; a. Williamsii. W.i.

5xx crassifolium

§. b.

Lip 3-lobed; the mid lobe equal to the laterals, or larger.

6. crispum. Ldly. India.
= Brookei. Batem.
Pxt.ii.142.d.; Bot. Pl.

7. falcatum. Ldly.
= Larpentæ. Hort.
= crassifolium. Par.
Pxt.ii.142.d.; N.O.ii.

8. cylindricum. Ldly. Coimbatore
= subulatum. Rei.
= ~~difforme. Wall. Q.cult.d.~~
Pxt.ii.142.; Bot. Pl.

9. testaceum. Ldly. Ceylon.
Pxt.ii.142. d.

Aerides

10. Wightianum. Ldly. Coimbatore.
Vanda parviflora. Wight.
Pxt. ii. 142. d.; Bot. Pl.

11. mitratum.
Bot. Pl.

12. Houlletianum. Rchb.
N. O. ii. d.

§. c.

Lip 3-lobed; the mid-lobe minute.

13. odoratum. Lour. [illegible] to China.
= cornutum
Pxt. ii. 143. d.; Bot. Pl. Co. II.

14. suavissimum. Ldly. Malacca.
= flavidum. Ldy. Pxt. ii. 101.
Pxt. ii. 141. d. Co.
α. nobile. W. i.

15. quinquevulnera. Ldly. Manilla
Pxt. ii. 143. d. Je

Aerides.

16. *virens.* Lindl. Java

[illegible]

Pxt. ii. 143. d.

a. *superbissima.* D. $\frac{iii}{7+}$.

17. *pallidum.* Lindl. Philipp.

Pxt. ii. 143. d.

18. *Thibautianum.* Rchb. Polynesia

O. cult. d.

§ d.

Species (nominis) incertae sedis.

19. *odontochilum.* Sylhet

20. [illegible]. [illegible]

21. *dasycarpum.* D. [illegible].

22. *Ellisianum.* D. [illegible].

23 *Reichenbachii.* D. 359.

24. *difforme.* Wall.

O cult. d.

a. *hystrix.* Var. Sikkim.

Angræcum. Thouars.

Sepals & Petals spreading, subequal, the Lip sessile, continuous with column, but fleshy, entire, much broader. [illegible] these. Spur elongated, horned, usually much longer than the perianth, [illegible] acuminate. Column small, truncate, [illegible] [illegible], two.

Stemmed epiphytes, with stiff strap-shaped leaves. [illegible] Flowers [illegible], [illegible], usually white. Lindl. in Bot Reg.

1. apiculatum — W. Africa

2. armeniacum — "

3. [illegible] — Ashantee

4. caudatum. Ldly. — W. Africa
Loud. 1266. d.

5. [illegible] — India

6. Chailluanum — W. Afr.

7. distichum — "

Angraecum.

8. eburneum. Lindl. = superbum. Thou. 2d Cent. 111. d.	Madagasc.
9. gladiifolium	Mauritius
10. herbaceum.	〃
11. micranthum	W. Africa
12. odoratissimum	〃
13. ornithorhynchum	Brazil
14. pellucidum.	W. Africa
15. pertusum.	〃
16. subulatum	〃
17. teretifolium	〃
18. polystachyum.	Peru.
19. funale. Bot. Pl. Co.	Jamaica
20. virens. Lindl. Pxt. i. 25. d.	Reunion.

Angraecum.

21. arcuatum. Ldl. Natal.
Pxt. ii. 120. ; Harv. d

22. bicaudatum. Ldl. – " –
Harv. d.

23. monodon. Ldl. Gaboon.
Pxt. ii. 102. d.

24. Chaillianum – " –
O. cult.

25. citratum Madag.
O. cult.

26. articulatum. Rchb. "
N. O. ii. d.

27. bilobum. Ldl. W. Africa
N. O. ii.

28. fragrans. Faham.
N. O. ii.

29. Ellisii. Rch. Madag.
N. O. ii. d.

30. sesquipedale. Thou. – "
2a Cent. 151. d. ; W. i. ; N. O. ii. ; Jen. 3

31. Lindenii. Ldly. Cuba
O. L. d.

32. Brongniartianum. Rch. Bourbon
Pesc. 16. d.

[illegible]um.

33. falcatum Sal. China
D. 845. Loud. d. 764. & 1266.

34. maculatum. Saly. Africa
Loud. d.

35. luridum. [illegible] [illegible]
Loud. d.

36 japonicum | [illegible]

Acanthus. Lindl.

Lip spurred, membranous, entire, joined [illegible] column, to which the petals [illegible]. Sep. & petals, [illegible].

1 grandiflorus. Lindl. . [illegible].
Loud. 764. d.

b. Cryptochilidae.

Cryptochilus. Wall.

Perianth tubular contracted at throat, gibbous [illegible] at base. [illegible], [illegible]. Lip [illegible], free [illegible]. Lip entire, [illegible] continuous with col. base.

1. sanguinea. Wall. . Nepal.
Loud. 1264. d.

Acanthophippium. Bl.

Perianth ventricose. Sepals agglutinate; [illegible] dorsal [illegible] clawed, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

1. bicolor. Lindl. Ceylon.
   Loud. 1262 d Mo. d.

2. javanicum. Bl. Java.
   Mo. d.

3. striatum. Lindl. Nepal.
   Mo. d

4. Sylhetense. Lindl. Sylhet.
   Mo. d.

c. Brassiadæ.

Cymbidium. Swartz.

Perianth flattened. Petals and Sepals subequal, free. Lip sessile, free, concave, not spurred, sometimes jointed with col. base, sometimes 3-lobed. Poll. 2.

1. aloifolium E. Indies

2. bicolor. Lndl. Ceylon.

3. chloranthum. Nepal.

4. Devonianum. Khasya

5. diurnum. Bahama

6. eburneum. Lndl. India
a. Dayi. Jen. 16.
2d Cent. 177. ; W. i. ; FF. See N. O. ii. Jen. 16.

7. elegans. Nepal.

8. Finlaysonianum. Lndl. Coch. Chin.

9. Gibsoni. Sylhet.

10. giganteum. Wall. Nepal
Pxt. ii. 14. ; Bot. Pl. Co.

Cymbidium.

11. iridifolium.	E. Ind.
12. lancifolium.	Nepal.
13. madidum.	E. Ind.
14. marginatum.	Brazil.
15. Mastersii. Griff. Pxt. III. 22. d. ; FF. ; See N.O.ii.	India.
16. ochroleucum.	Trinidad
17. pendulum. a. brevilabre	Nepal.
18. pubescens. Lindl.	Singapore
19. Sinense.	China.
20. Suave.	Australia
21. tripterum. Loud.	Jamaica
22. ensifolium.	China
23. tigrinum. Hook. O.cult. ; Bot. Pl. ; D.737.	Malacca

Cymbidium.

24. Hookerianum. Rch. India.
O. cult. d. ; 2d Cent. 187.

25. micromeron. Lndl.
G. Chro. $\frac{74}{366}$.

26. Dayanum. Rch. Assam.
N. O. i. d.

27. Parishii. Rch. Moulmein
N. O. ii. d.

28. xiphiifolium. Lndl. China.

29. virescens Japan

30. crassifolium. Sylhet.

31. triste. Ceylon.

32. dependens. Lodd. China.
Loud.

Grammatophyllum. Bl.

A Cymbidium but the Column with [illegible] hump; and Pollinia [illegible] [illegible] shaped [illegible]. [illegible]

1. multiflorum. Ldly. Manilla
Pxt. ii. 160. d.
a. tigrinum
2. speciosum. Bl. Java; Coch. Ch.
Pxt. ii. 157. d.; 2d Cent. 181. d.; Loud. S.
3. fastuosum. Ldly. Malacca
Pxt. ii. 159. d.
4. scriptum. Bl. Moluccas.
Pxt. ii. 159. d.
5. Ellisii. Ldly. Madagasc.
2d Cent. 176. d.
6. pulchrum. Span. Timor.

Ansellia. Lindl.

1. Africana. Lindl. [illegible]

FF. a. nana. D.$\frac{\text{iii}}{55}$.

Aspasia. Lindl.

[illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] base [illegible] the [illegible] [illegible] column. [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] 4-lobed. [illegible] [illegible] marginal. [illegible] stemmed, [illegible] [illegible] pollinia. [illegible] [illegible] the [illegible] [illegible].

1. variegata. Lindl. Trinidad
Curt. d.; Loud. 1261.
2 epidendroides. Panama
3 lunata Brazil.
4. lutea. Guiana
5 psittacina

Trichopilia. Ldly.

Sep. & Pet. equal, spreading, narrow. Lip large, petaloid, convolute, 3-lobed. Column clubbed, the summit hooded, 3-lobed, fringed. Poll. 2. Ps.-bulbs fleshy, protected by spotted sheaths, one-leafed. Flowers axillary.

Pilumna Ldly.

1. coccinea. Ldly. — Guatem.
marginata.
Pxt. ii. 79. d. ; Bot. Pl. ; FF.

2. tortilis. Ldly. — Mexico
Loud. 1262. ; Curt. d. ; FF. Co.
a. pallida.

3. suavis. Ldly. — Guatem.
Pxt. i. 53. ; 2d Cent. 143. d. ; FF.
a. grandis D. i. 91

4. albida. Wendl. — Caraccas.
Pxt. iii. 28. ; D. 139.

5. Galeottiana. Rd. — Mexico
O. cult. d. ; FF.

6. Turialvae. Rch. — Turialva Mount? }
O. cult. d. ; 2d Cent. 162.

7. oicophylax. Rchb.

8. maculata. Rchb.

Trichopilia.

9. picta. Lemaire.
2a Cent 162.

10. [illegible]. Rchb. — Peru.
N.O. d.

11. laxa. — Popayan

12. rostrata. Rchb. — N. Grenada
N.O. ii. d.

13. crispa. Marn. — Guatem.
O Cent. iii. W.5.; FF.

14 fragrans Ldl. (Pilumna) — Popayan
O.L. d.; 24 Cent. 16 L. d. Q.Pl.; Jen.38.

15. nobilis
D. 152.

16. [illegible]

17. [illegible]

Helcia. Lindl.

As Trichopilia, but with a lat. crest; [illegible] 2-celled.

1. sanguinolenta. Lindl. Guayaquil

[illegible]

[illegible]cia.

Vanodes. Lindl.

[illegible] lat. & petals, [illegible]

1. [illegible]. Rch. Peru.

[illegible] d.

2. discolor. Lindl. Brazil.

Loud. 1261.

Palumbina. Rch.

Inf. sepals united throughout. Sepals and petals and lip subequal. Col. thick, with a [illegible], bifid. [illegible]

Poll. 4, [illegible] caudicula on each side inserted in a third common caudicula. Rch. & Ldly.

Fol. Orch. Oncid. candidum

1. candida. Ldly. [illegible] ii. d.	Guatem.

Lockhartia. Hook.

= Fernandezia. Ruiz & Pav.

Nearly as Oncidium. Col. short, eared. Pets. connivent. Plants without ps.-bulbs, tall, slender stems, with [illegible], distichous leaves.

acuta.	Trinidad.
elegans. B.R. Loud. 1264. d. ; J. Ref.	— " —
longifolia. Ldly. O.L. d.	Merida.
lunifera.	? Manilla
robusta. Bot. Pl.	Guatem.
amoena. Hook. Rch. N O ii. d.	Costa Rica

Odontoglossum. F.O.

Oncidium. Sw. F.O.

Mesospinidium. Rchb.

S. & p. connate in middle. Lip subsaccate, obcordate. Col. subterete, deeply hollowed in front. Poll. globose.

1. sanguineum. Rch. Andes.
   Gard. 1895. [illegible]. Co.

2. vulcanicum. Rch. Peru.
   N.O.ii. d.

3. roseum. Ldl. Peru.
   = Odont. roseum.

4. densiflorum. Ldl.
   = Cochlioda densifl. Peru.

Eriopsis. Ldly.

1. biloba. Ldly. N. Grenada
    a. rutidobulbon. Hook.
Pesc. 20. **d.**

2. sceptrum. Rch.
Pesc. 20.

Brassia. R. Bro. F.O.

Miltonia. Ldly. F.O.

Ada. Ldly. F.O.

d. Maxillariadæ.

Houlletia. Brogn.

Perianth spreading, free. Petals clawed. Lip continuous with Col., hypochil narrow, [illegible]
hollowed as [illegible]
[illegible] side; [illegible]
[illegible], [illegible]

1 Brockl
= St
Pesc 30.

2. vittata
I. 4.

3. tigrina
Paxt. iii. 1

4. odorata
Pxt. iii. 1

5. Lowian
N.O. ii. d

6. Wallis
N.O. i. d

7. Lansbergii. Rch. ct. gran.
N.O. ii. d.

8. antioquensis

9. chrysantha [illegible]

[illegible]

Laelia
27 cinnabarina
28 candida
29 [illegible]
30 epidendroides
31 grandiflora
Lindleyana [Laeliopsis [illegible]
32 purpurascens
[illegible]
33 rupestris
34 fulva. Lodd [illegible]

d. *Maxillariadæ.*

Houlletia. Brogn.

Perianth spreading, free. Petals, clawed.
Lip continuous with Col., hypochil narrow,
hollowed as [illegible]
each side; ep
lobbed, cu

1. Broc
=
Pesc. 3

2. vittat
I. d.

3. tigrin
Paxt. iii.

4. odorat
Pxt. iii.

5. Lowian
N.O. ii. d

6. Wallis
N.O. i. d

7. Lansbergii. Rchb. N. Gran.
N. O. ii. d.

8. antioquensis

9. chrysantha [illegible]

~~35~~ ~~[illegible]~~

36 Lawrenceana D. $\frac{1}{208}$.

cuspatha)

Nelisi (Linden (Ca

[illegible]

[illegible]

d. . Maxillariadæ.

Houlletia. Brogn.

Perianth spreading, free. Petals, lowed. ip continuous with Col., hypochil narrow, ollowed as if bilabiate, with a lacinia on each side; epichil jointed with hypochil. Col. clubbed, curved, large.

1. Brocklehurstiana. Ldly. Brazil.
=stapeliæflora. Brogn.
Pesc. 36. d.; FF.

2. vittata. Ldly. — "
I. d.

3. tigrina. Ldly. N. Gran.
Paxt. iii. 172.

4. odoratissima. Ldly - "
Pxt. iii. 172. d.; Pesc. 3. d.

5. Lowiana. Rch.
N.O. ii. d.

6. Wallisii. Rch.
N.O. i. d.

7. Lansbergii. Rch. N. Gran.
N. O. ii. d.

8. antioquiensis

9. chrysantha. [illegible]

Peristeria. Hook.

Perianth globose. Sepals sub-connate with base of lip. Petals smaller. Lip [illegible] jointed in middle. Column [illegible] [illegible] [illegible]. [illegible] [illegible]. 2- [illegible]. Bot. [illegible].

1. cerina. Lindl. Lindl. 1262. d.	Span. Main
2. elata FF. Co.	Panama.
3. aspersa	"
4. [illegible]	Venezuela
5. guttata.	
6. [illegible]	[illegible]
7. [illegible]	Panama

Acineta. Ldly.

As Peristeria, save that the Lip is jointed; the Column is broadly winged. The Flowers [illegible] [illegible]. American epiphytes from [illegible] with plaited leaves, and [illegible] drooping flowers.

1. Barkeri. Ldly. — Mexico.

2. Humboldtii. Ldly. — Venezuela
Mo. d.
a straminea. Ldl. — N. Gran.
N. O. ii. d.
b. fulva
Mo.

3. chrysantha. Ldly. — Mexico.
Pxt. i. 31. ; Mo. d.

4. densa. Ldly. — Costa Rica
Pxt. i. 91. d. ; Mo. ; Fl. Pl.

5. Warscewiczii. Klo. — Guatem.
Pxt. iii. 86. d. ; Mo. d.

Batemannia. Ldly.

Perianth spreading, equal. Petals oblique at base, adnate to produced foot of column. Lip jointed to column, 3-lobed, hooded. Column semi-terete, mar[illegible] at tip. [illegible]

1. Colleyi. Ldl.	Demerara
Curt. d. Loud. S.	
2. grandiflora. Rch.	N. Grenada
O. cult. ; 2d Cent. 172. d.	
3. Beaumontii	Bahia.
2d Cent.	
4. fimbriata. Rch.	
2d Cent.	
5. meleagris. Ldl.	Brazil.
N. O. ii. ; 2d Cent.	
6. Burtii. Endr.	Costa Rica
N. O. ii. d. W. ii. 35.	
a. Wallisii. Rch.	N. Grenada
N. O. ii. d.	

Gongora. Ruiz & Pav.

Lat. sepals free, dorsal united with column. Petals smaller, united with middle of column. Lip continuous with base of column, free, clawed; hypochil 2-horned, epichil ~~expanded~~ vertical, 2-[illegible] pointed. Column very long, bowed, [illegible] ate. marginate. Pseudobulbous epiphytes, with plaited leaves; flowers in long, lax racemes.

1. maculata. Ldly. — Guatemala
Curt. d.; Loud. 1203.; I. Co.
a. lutea. I.
b. tricolor. I. — Peru.
and many more. (See [illegible])

2. portentosa. Rchb.
N. O. i. d.

3. truncata. Ldly. — Mexico
I. d.; D. $\frac{ii}{341}$.

4. bufonia. Ldly. — Brazil.
I. d.
a. leucochila. Ldly.
I. d.

5. atro-purpurea. Ldly. — Trinidad
I.

6. nigrita — Demerara
I'. d.

Gongora.

7. Galeottiana — Mexico
I.

8. quinquenervis — Peru.
I.

Stanhopea. Frost. F.O.

Coryanthes. Hook. F.O.

Cœlia. Ldly.

Sepals spreading, free, equal. Lip entire, clawed, continuous with col.-base. Col. short, produced at base. Poll. 4.

1. Baueriana. Ldly. — Jamaica
Loud. 1258.

2. macrostachya. — Guatem.

Acropera. Lindl.

Sepals dorsal helmet-like; lateral [illegible]. Petals [illegible] [illegible] cate. Lip [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible]. [illegible] [illegible], [illegible] [illegible]. [illegible]

1. Loddigesii. Lindl. Mexico.
Loud. 1263. d.
a. [illegible]. b. purpurea.

2. [illegible].
Pxt. i. 91.

3. armeniaca. Lindl. Nicaragua
Pxt. i. 94.; 2. Cent. 116. d.

4. flavida. Klo. Mexico
Pxt. iii. 15. d.

5. cornuta. Klo. Guatemala
Pxt. iii. 102. d.

Promenaea. [illegible].

[illegible] citrina. — [illegible]
D. [illegible].

. [illegible] — „ —

[illegible]ii. Lindl. — „ —
Loud. 1262. d. Mexico,

4. St. pelioides. Lindl. — „ —
a. nigra.
b. rubra.

[illegible] xanthina. — „ —

Grobya. Ldl.

Perianth flattened, bilabiate. Lat. [illegible] connate at base. Upper sepal [illegible] shorter. Petals [illegible] [illegible], much longer. Lip 3-lobed, naked, jointed to col.-base, smaller. Col. erect, semiterete, arched, [illegible] at base. Poll. 2.

1. Amherstiae. Ldl. — Brazil

Loud. 1263.

2. galeata. —

Warrea. Ldl.

1. bidentata. Ldl. — N. Gran.
[illegible] ; O.L.d.
= Lindeniana. Henfr.
= Max. Warreana. Hook. Bot. Pl.

2. cyanea — Colombia

3. discolor. Ldl. — Costa rica
Pxt. i. 73. d. ; Bot. Pl. ; FF.
a. rubens. D. $\frac{ii}{459}$.

4. rubescens. — Brazil.

5. tricolor. Ldl. — „
FF.
a. stapelioides. Rch.
N. O. ii. d. ; D. $\frac{i}{269}$.

6. Wailesiana. Ldl. — „
Pxt. i. 73.

Warscewiczella. Rch.

Lip clawed, subquadrate, lobed, [illegible] [illegible]; the column, having an appendage at base. [illegible],

aff. without pseudobulbs, a stem, [illegible] [illegible] [illegible] flower [illegible] [illegible], [illegible], [illegible].

1. marginata. Rch. N. Gran.
velata. quadrata Lindl.

Pesc. [illegible]; Bot. Pl. [illegible] 24 [illegible] 127.; FF.

2. candida. Lindl. Bahia

[illegible] Pesc. 15. [illegible].

3. aromatica

D. $\frac{11}{134}$.

4. amazonica. Rch.

Pesc. 6.

Huntleya. Lindl.

[illegible] flat nearly equal. [illegible] [illegible] at base. [illegible], [illegible] spreading. [illegible] [illegible]. [illegible] [illegible], [illegible]. [illegible] [illegible]; [illegible], [illegible]. Poll. 4.

1. violacea. Lindl. Guiana
   O.cult. Fl.c.d.

2. meleagris. Lindl. Brazil.
   [illegible] 1708, pl.

3. sessiliflora. Guiana

4. cerina. Lindl. Veragua
   [illegible]; O.cult.; FF.
   O.Pl.

5. [illegible]. Lindl. [illegible]
   I. H.
   = ?[illegible]iformis. Rchb. (L.P.

6. ?aromatica. Rchb. Veragua.
   L.Pl. [illegible]

7. ?Wendlandii. Rchb. (L.Pl.)

[illegible]lleya.

[illegible] Lindenii (gen. [illegible] Kch. N. Gren.

N.O.ii. d.

[illegible] Porini (gen. Tollea Kch. N. Gren

N.O.ii. d.

[illegible] [illegible]arasinea. [illegible] Florida

O.L. d.

Pescatorea. Rch.

1. Wallisii. Rch. . N. Gran.
N.O.i.d.; D.$\frac{\text{ii.}}{724}$.

2. triumphans. Rch.

3. Dayana. Rch. . N. Gran.
N.O.ii.d.
a. splendens. Rch.
N.O.ii.d.

4. Roezlii. Rch. Ecuador.
N.O.ii.d.

Zygopetalum. Hook.

[illegible] Sepals and Petals [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Gen. Pl. Bentham.

[illegible] Huntleya, [illegible]

1. Mackayi. Hook. Brazil.
B.R. [illegible]. L. [illegible], L. [illegible], FF.; [illegible] S
J. Ref. L.; Co.

2. maxillare. Lodd. Brazil.
Bot. M.; FF.

3. crinitum Lodd. [illegible]
FF. L.

4. rostratum Guiana
FF.

5. brachypetalum Brazil.

6. Murrayanum. Lond. J. [illegible]

7. [illegible]?

8. Sedeni. Rchb. × {Mackayi / maxillare
N.O. n. d.

9. Rivieri
G.Chr. $\frac{1}{1}$, 92.

10. Gautierii

Bifrenaria. Lindl.

[illegible]erianth spreading. Lat. sepals connate [illegible] col.-base. [illegible] jointed to [illegible], hood- [illegible] carinate [illegible]. [illegible] short [illegible] rather [illegible], sub-[illegible]eted. Poll. 4.

1. aurantiaca. Lindl. — Demerara
   Loud. 1261.

2. Hadwenii. Lindl. — Brazil.
   Pxt. ii. 67. d.

inodora. "

4. atropurpurea — Brazil.
   a. obscura.

5. aureo-fulva. — Brazil.

6. longicornis. — Guiana

7. vitellina — Brazil.

8 Harrisoniae

Maxillaria. R. [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible].
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible].

[illegible] Brazil.
[illegible] Pl.

leptosepala.
Bo. Pl.; D. ii 781.

Turneri.
D. i 111.

lutea.
a. grandiflora. Fl. Pl.

grandiflora. Lindl. Mexico.
O.L. d.

[illegible]lata. Lindl. Colombia
O.L d.

[illegible]ina. Lindl. Florida
O.L. d.

longissima. Lindl. —,,—
O.L. d.

nigrescens. Lindl. —,,—
O.L. d.

. Maxillaria.

[illegible] luteo-alba. Lindl. . Merida
O.L. d.

[illegible] [illegible]. Lindl.
O.L. d.

12. stapelioides. Lindl. Brazil.
Curt. 3877.

13. Colleyi. Batem.

14. squalens. Hook.
= supina. Pöpp.

15. scabrilinguis. Lindl. . Merida.
O.L.

[illegible] [illegible]. Lindl.

[illegible] [illegible]. Lindl.

18. longifolia. Lindl.

19. elongata. Lindl. Guatem.
Paxt. iii. 69. d.

20. pallidiflora. Hook. St Vincent
J. Ref.

21. decolor. Lindl. Jamaica
J. Ref.
= palmifolia. Lindl.

22. concava. Lindl. Guatem.
Pxt. ii. 53. d.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible]
J Ref.

[illegible] [illegible]

[illegible]

[illegible] [illegible]
Loud. 1262. d.

[illegible] . Mexico

[illegible] Brazil.

[illegible]

[illegible] [illegible]
Loud. 1262. d.

[illegible] [illegible]

Maxillaria.

5. cucullata.	
6. guttata.	Jalapa
7. gemmea.	Demer.
8. Deppei	Mexico
9. Loddigesii	-"-
10. marginata.	Florida.
11. meleagris	Trinidad.
12. ochroleuca.	R Janeiro
13. ornithoglossa	Mexico
14. Parkeri	Demera.
15. picta.	Brazil
var. major.	
16. placanthera.	-"-
17. psittacina.	Mexico.

Maxillaria.

1. [illegible]. a. alba b. purpurea.	Brazil.
2. [illegible]	[illegible]
3. longifolia. Lindl. Pxt. iii. 58.	Caraccas.
4. [illegible]	Guatem.
5. picta.	Brazil.
6. [illegible]. Lindl. Loud. 1262. d.	– "
7. densa.	Xalapa.
8. imbricata	Jamaica
9. [illegible].	Demerara
10. Henchmanni Pxt. iii. 88. ; Loud. 1262. [illegible].	– " –
11. variabilis a. lutea b. intermedia c. purpurea.	Oaxaca.

Maxillaria.

61. sinuosa	Guatem.
62. uncata	Demer.
63. madida.	Brazil.
64. pumila.	— —
65. subulata	— —
66. teretifolia	Xalapa
67. lentiginosa . . ? (? Promenaea.)	Mexico
68. rufescens.	Trinidad
69. pallens.	Brazil.
70. chlorantha.	—"—
71 porrecta.	—"—
72. glauca.	Guiana
73. parvula	Pop. M.
~~74. punctata~~ . [illegible]	—"—

[illegible]

Maxillaria.

[illegible] macrophylla. — Colombia.

[illegible] — Guiana.

[illegible] — Brazil.

[illegible] — [illegible]

Pxt. iii. 12. d.

[illegible]

Pxt. iii. 88. d.

[illegible] — Ocaña.

Pesc. 18. ; [illegible] ; FF.

[illegible] D. $\frac{1}{186}$.

[illegible] — N. Granada

N.O. ii. d.

[illegible] Lindl.

Reichenheimiana. Rchb. — Costa Rica

N.O. ii. d.

[illegible] — Mexico

O.L. d.

[illegible] Rchb.

Pesc. 38.

[illegible] D. $\frac{iii}{482}$.

Maxillaria.

[illegible] D. $\frac{\text{i}}{143}$.

" ii. [illegible] D. $\frac{\text{iv}}{879}$.

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[illegible], 78
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[illegible] 51.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 62.

[illegible] 60.

[illegible]

[illegible]

[illegible]llina, [illegible]

Lycaste. Lindley.

[illegible]

§ a.

[illegible]

1. Skinneri. Lindl. [illegible]

Pesc. 39. ; W.3. ; Fl. Pl. [illegible] ; FF. ; Jen. [illegible]
[illegible] Pl. L. ; Co.

2. macrophylla [illegible]

D. ii. [illegible]

3. [illegible] [illegible]

P[illegible]

4. [illegible] [illegible] [illegible]

candida

Pxt. ii. [illegible] d.

5. [illegible] — " —

Pxt. iii. 44. d.

6. tricolor [illegible] — " —

Pxt. iii. 88. d.

gonale.

§ b.

Chrysantha. Pxt. i. 126.

cruenta. Ldly. — Guatem.
var. sp. nova. viii.
Gault. fl. c., Pxt. i. 198. cl.

chrysoptera. Morr. — Mexico
Pxt. i 196. cl.

7. macrobulbon. Hook. — S. Martha!
Ib.; Bat. 19.

8. cochleata. Ldly.
Ib.

crinita. Ldly. — Mexico.
Ib.

12. aromatica. Ldly. — Peru.
Ib. Co.

a. retusa
13. tetragona. Ldly. — Brazil.
B. Reg. 1428. cl.

3. citrina — Brazil.
Jen. 9.

§ c.

[illegible] [illegible].

1. [illegible] — [illegible]
FF.

2. [illegible] — [illegible].

11. [illegible] [illegible]. — [illegible]?
N.O.ii. d.

12. [illegible] [illegible] [illegible].
[illegible]. [illegible]. — [illegible]
O.L.; O.cult. II. c. d.

13. Schilleriana
O.cult. II. c. d.

19. [illegible] [illegible]. [illegible]. — [illegible]
N.O.ii.

20. [illegible]. [illegible]. — [illegible]
N.O.ii. d.

§ d.

21. Barringtoniae. Jamaica.
B t. Pl. ; J.ref. Co.

22. Harrisoniae. Lndl. Brazil.
P. t. iii. 92. ; FF. Loud. L. , Co. II.

23 gigantea. Lndl. Guatem.
O. L. d. ; 2d Cent. 198. d.

24. Deppei. Mexico.
O. cult. 11. c. d.

25. Tyrianthina Brazil.
D. $\frac{ii}{131}$.

26. costata. Peru.
D. $\frac{ii}{279}$.

Anguloa. Ruiz & P.

Analogous Lycaste; but Lip chry-[illegible] [rolled-up]; Col. 2-horned; 1. Sepals much overlapping. Labial appendage attached by the sides as well as by the base. American terrestrial, bulbous plants, with large, globose flowers. (Moore.)

1. Clowesii. Ldly. Colombia
Mo.; Pesc. 17.; W. i.; O.L.

2. Ruckeri. Ldly. — " —
Mo.; 2d Cent. 144.; W. ii.; O.L.

3. uniflora. R. and P. N. Grenad.
Mo.; 2d Cent. 159.; O.L.
= virginalis.
= eburnea.

Scuticaria. Ldy.

1. Steelii. Ldy. Demerara
Co.

Colax. Ldy.

1. jugosus. Brazil.

2. viridis.

Paphinia. Ldly.

Flowers sub-regular, spreading, etaloid, slightly produced into a chin. ip small, clawed, 3-lobed, hairy, at p & elsewhere, with glandular threads. Column clubbed, long, semiterete, ear- ed at tip. Poll. 4. op Pseudobulbous epi- hytes with a few-flowered pendulous scapes.

1. cristata. Ldly. Trinidad
   2d Cent. 117. d.; FF.

2. tigrina
   Ibid.

3. barbata? Ldly. = Cychnoches. N. Gren.
   Ibid.; Bot. Pl.

Polystachya. Ldly.

Sepals erect, acute; the lat. ones connate with prominent base of column. Petals smaller. Lip sessile, jointed upon base of col., 3-lobed. Column short, semi-terete. Poll. 4. Epiph.: Stems, sometimes swollen into pseudo-bulbs. Leaves slightly [illegible]. Flowers panicled, small, secund.

1. mauritiana. Spr.

2. luteola. Hook. — E. Ind.
Jam. P[illegible].

3. puberula. Ldly. — W. Afr.
Loud. 761.

4. grandiflora. Ldly. — "
Curt.

5. abbreviata. Rch. — Brazil.
N.O. ii. d.

6. purlensis.
Ib.

7. cerea.
Ib.

Schlimmia. Planchon.

Sepals fleshy, unequal; the dorsal nar-
w, erect, free; lats. large, united into
deep pouch. Petals reflected. Lip
minute, with a fleshy, tubercled claw.
inted to col. Col. semi-terete, eared
t lip. Poll. 2.

1. jasminodora. Pl. Guatem.

Pxt. iii. 115. cl.

e. Catasetidæ.

Catasetum. Richd.

Perianth large, flattened or globose; subequal. Lip fleshy, naked, ventricose (or plane & fringed,) saccate below its apex, obtusely 3-lobed. Col. [illegible], wingless, free, cirrhate. American plants, mostly terrestrial, having long, stout, spindle-shaped, jointed pseudo-bulbs, large plaited leaves, & basal flower-scapes. Poll. 2.

Varying forms.

1. Lip globose	Column cirrhate.	Catasetum
2.	naked.	Monacanthus
3. Lip flat.	. . .	Myanthus

---

1. tridentatum. Hook. S. Amer.

macrocarpum. Rd.; = Claveringi. Lodd.

[illegible]

a. floribundum. Brazil.

[illegible]

b. Wailesii. Honduras

c. viridiflorum Demerara

d. vitellinum Brazil.

e. atropurpureum. Demerara

f. aureum — Demerara

g. viride (Monachanthus) Brazil.

h. cristatum (Myanth.) "

2. integerrimum, Hook. — Guatemala

[illegible]

Curt. ; M. ; (I.)

3. Warscewiczii. Ldly. — Panama.

Pxt. i. 45

4. fimbriatum. Morr. (Myanth.) Brazil.

Pxt. i. 184.

5. sanguineum. Linden. (My.) Guatem.

Pxt. ii. 168. ; Pesc. 14. d.

6. Russellianum. Hook. — "

Curt. d.

7. discolor. Ldly. (Monach.) — Guiana.

Lond. 1262 a. Bushnani. Hook.

Curt. d.

b. fimbriatum. Gard. — R. Janeiro

Curt. d.

c. longifolium. Ldly. — Demer.

Curt. d. · N.O. d.

d. roseo-album. Hook. Para.
Curt. d.

8. barbatum. Ldly. (Myanth.) Brazil
a. album Demer.
b. spinosum
c. proboscideum
M.; I. 1.

9. atratum. Ldly. Brazil.
M.; Bot. Pl.

10. callosum. Ldly. (Myanth.) La Guayra
M.; I.; Bot. Pl.
a. Lansbergii. Caraccas
b. grandiflorum Columbia

11. cernuum. Ldly. (Myanth.) Trinidad
= trifidum. Hook.
Bot. Pl.; Loud. 1262.

12. naso. Ldly. (Myanth.) Caraccas.
Bot. Pl.
a. viride. Bot. Pl.
b. pictum.

13. planiceps. Ldly. Sp. Main
M.

14. serratum. Ldly. Panama

15. fuliginosum. Ldly. Mexico

[illegible].

1[illegible] [illegible]. Lévy. [illegible].

[illegible]. [illegible].

1[illegible] [illegible]. [illegible].

1[illegible]. [illegible]. [illegible]

1[illegible]. ochraceum. Lévy. [illegible].

N.O. ii. d. Co.

10 purum. [illegible]. [illegible].

[illegible]. [illegible].

1[illegible]. [illegible]. Lévy.

[illegible]. [illegible].

[illegible]. [illegible]. Lévy. [illegible]

[illegible]. [illegible]. Lévy. (Myanth.) [illegible]

a. [illegible]. Mo.

b. [illegible].

20. [illegible]. Lévy. (Myanth.) Guaten.

21. [illegible]. Lévy. (Myanth.) Demer.

2[illegible]. [illegible]. Lévy. (Myanth.) [illegible].
Mo.

25. periferum. Lévy. (Myanth.) Demer.

Catasetum.

29. deltoideum. Ldly. (Myanth. Demerara.

30. cornutum. Ldly. (Myanth.) "
Mo.

31. lanciferum. Ldly. (Myanth.) "
Mo.

32. scurra. Rchb. "
N.O. ii. d.

33. roseum. Rchb.
N.O. ii.

33. citrinum. (Morm. pardinum) Mexico.

33 ~~trifidum. Hook.~~ (Myanth.) Trinidad
(See 11)

34 viridiflavum. S. Amer.

35 gnomus

36 [illegible]

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Mormodes. Lindl.

Nearly as Catasetum, but with the Col. often [illegible] joint, as if distorted or displaced. Lip saddle-shaped, ascendent, pitted, jointed with col. Col. hornless, with long narrow stigmatic surface. Poll. 4.

1. barbatum. Lindl. — Panama.
   = atropurpureum. Hook.
   Pxt. II. 51. d.
2. atropurpureum. Lindl. — Guatem.
   (not of Hooker)
   Bot. Pl. " Lodd.
3. lineatum. Batem. — "
   Mo. "
4. Cartoni. Hook. — [illegible]
   Bot. Pl. [illegible] Pl.
5. aromaticum. Lindl. — Mexico
   Mo.
6. pardinum. Batem. — "
   a. unicolor = citrinum. Carr.
   b. maculatum.
7. Colossus.
   Bot. Pl.
8. Greenii
   Bot. Pl.
9. lentiginosum Hook. — Guatem.
   Bot. Pl.

Homodes.

10. [illegible] Sdg. — Venezuela

11. [illegible] Sdg. — Mexico
Mx.

12. [illegible] Sdr. — Guatemala
Pxt. iii. 98.

13. ignea. Sdg. — [illegible]
Pxt. iii. 97. d.

14. con[illegible] Sdg. — Chontales
d.

15. [illegible] Sdg. — Guatem.
d.

16. [illegible] — Colum.
II. 1, 1. d.

17. [illegible] — Mexico
N.O. d.

18. [illegible] — Peru
N.O. d.

1[illegible]. fractiflexum. — Costa Rica
N.O. ii. d.

Cycnoches. Ldly.

Perianth spreading. Petals [illegible]. [illegible] free, [illegible] not united with col. [illegible]. Column long arched [illegible]. Poll. 2 [illegible] of Catasetum, but [illegible] [illegible] not [illegible].

* Lip perfectly entire, fleshy, without appendages.

1. Loddigesii. Ldly. Loud. S. — Guiana
 a. leucochilum. Curl.
 See Pxt. III. 6.

2. ventricosum. Batem. — Guatem.
 becomes Egertonianum
 Loddigesii

3. chlorochilum. Klo. — Maracaybo

** Lip edge broken into fleshy fimbriae.

4. pentadactylon. Ldly. — Brazil.
 becomes Egertonianum

5. aureum. Ldly. — Guatemala
 Pxt. III. 5.

6. maculatum. Ldly. — La Guayra

7. Egertonianum. Batem. . Mexico
becomes ventricosum
" pentadactylon

*** Lip 3-lobed, membranous, without appendages.

8. Pescatorei. Ldly. N. Granada
Pesc. III.
= Acineta glauca. Linden.

9. barbatum. Ldly. — " —
= Paphinia barbata.
Bot. Pl.

10. musciferum. Ldly. Colombia
Fxt. III. 29. d.

Cyrtopodium. R.Bro.

Perianth spreading. Sepals & petals free. Lip 3-lobed, jointed with claw-shaped process of column-base. Col. wingless. Pollinia 2. American sub-terrestrial herbs, with tall spindle-shaped ps.-bulbs. Flower-spike (in general) radical.

1. Andersoni. Ldly.	St Vincent
I. d.; Loud. 758.; J. ref.	
2. cristatum. Ldly.	Demerara
I. d.	
3. flavum.	
4. glutiniferum.	S. Amer.
5. punctatum	Brazil
a. Wilsoni	[illegible]
6. bracteatum. Ldly.	Merida
O. L. d.	
7. cardiochilum	
D. $\frac{i}{39}$.	
8. cupreum	Brazil.
9. grandiflorum.	— " —

f. *Notyliadæ*. (Part. iii.)

h. *Ionopsidæ*.

Rodriguezia. Ruiz & Pav.

Perianth ringent. Lat. Sepals connate. Lip free, not rolled-up in the lat. sepals, entire, clawed, horned at base; callous in the middle. [illegible] spur. Column [illegible].

1. secunda. Kunth. [illegible] Amer.
Loud. 756. Co.

2. recurva. R. Bro. (Gomeza recurva). Brazil.
Loud. 756.

3. Barkeri

4. crispa. Lindl. Brazil.
[illegible]

5. suaveolens — " —
([illegible] foliosa

6. lanceolata. Trinidad

7. laxiflora Brazil

8. planifolia. — " —
a. pallida

Rodriguezia.

9. leochilina. Rchb. C. Rica.

N. O. ii. d.

10. maculata.

N. O. ii.

Scelochilus. Klotzsch.

Perianth [illegible]. Lip [illegible], produced at base into a [illegible]. [illegible], [illegible] [illegible], [illegible] 2-[illegible]. Column [illegible]. Poll. 2.

American epiphytes; ps.-bulbs absolete, leaves solitary, leathery, [illegible]; flowers in [illegible] racemes, compound, yellow.

1. Ottonis. Rchb. Caracas.
Pxt. iii. 87. d.

2. Lindeni. Ldly. Venezuela
= Rod. stenochila. O.L. d.

3. Jamiesoni. Ldly. Quito
Pxt. iii. 88. d.

Ionopsis. Kunth. F.O.

Burlingtonia. Lindl.

Perianth membranous, [illegible], [illegible] [illegible] [illegible], lateral [illegible] [illegible] [illegible] [illegible], tumid, [illegible] with lip at base. Lip [illegible] [illegible]. Column terete, [illegible]; [illegible] with a projecting arm on each side. Poll. 2. American epiphytes, with small pseudo-bulbs, single leafed, [illegible] flowers [illegible] spikes.

1. candida. Lindl. Guiana.
Fl. Pl.; FF.; Mo. d.; Pxt. i.158. d. Loud.S.

2. rubescens. Lindl. Peru.
= Rodr. Batemanni. Lindl.

3. venusta. Lindl. Brazil.
FF.; Mo. d.; Pxt. i.158.

4. pubescens. Lindl. Pernamb.
Pxt. i.158. Mo. d.

5. granadensis. Lindl. Columbia.
O.L. d.

6. fragrans. Lindl. Brazil.
Mo. d.; FF.

7. maculata. Lindl. — "
Mo. d.

Burlingtonia

8. decora. Planch. Brazil.
Pxt. iii. 99. d.; Bot. Pl.; FF.
a amoena.
2d Cent. 110.

9. rigida. Lidl. - " -
Mo. d.

10. obtusifolia. Lidl.
Pxt. iii. 98. d.

Comparettia. Pöpp.

Perianth gaping. Sepals & lat. petals small, free, converging into a hood: l. s. sepals connate, produced into a long, curved spur. Lip free, broad, large, produced into a 2-horned spur, hidden within the sep.-spur; disk often crested.

American epiphytes, with small ps. bulbs; flo.-spike lateral, radical or terminal.

1. coccinea. Lndl. — Mexico
   I. d.; Mo. d.; Loud. S.

2. falcata. Pöpp. — " Peru.
   O.L.; Mo. d.

3. rosea. Lndl. — Sp. Main
   Mo. d.

4. cryptocera. Morren.
   Mo. d.

Trichocentrum. Pöpp.

Perianth free, spreading, equal. Lat. pals distinct, not spurred. Lip sessile, flat, eared, spurred, ~~[illegible]~~ connate with Col., 2-lobed, lamellate. Col. short, thick, auriculate winged. Poll. 2.

1. candidum. Ldly.	Guatem.
2. fuscum. Ldly. Loud. 1267.	Mexico
3. iridifolium. Ldly.	Demerara
4. maculatum. Ldly. O L. d.	N. Gren.
5. recurvum. Ldly.	Guiana
6. tenui~~folium~~ flo rum. Ldly. Pxt. I. 12. d.	Bahia
7. pulchrum. Pöpp.	
8. albo-purpureum. Ldly. O. cult. d.	R. Negro
9. cornucopiae. Rch. O. cult. d.	Brazil
10. tigrinum. Rch. N. O. i. d.	
11. capistratum. Rch. N. O. ii. d.	

V. Arethuseæ.

f. Vanilleæ.

Sobralia. F.O.

Epistephium. Kunth.

[illegible] the [illegible] [illegible] the [illegible] cup.
[illegible] [illegible] from the [illegible]
underlying the lip. Lip [illegible] [illegible]
tire, twining round col.; [illegible],
[illegible], on the disk. Column [illegible]
[illegible] [illegible], 2-lobed [illegible] the
stigma, with the upper membranous [illegible]
ed, trifid, the mid-lobe hooded; Poll. 4.
[illegible]
[illegible] [illegible] terminal. Fl.
large, [illegible].

1. elatum. Kunth.

2. amplexicaule. Pöpp. Peru

3. Frederici Augusti. Rchb.

Epistephium.

4. Williamsii. Hook. Bolivia.
2d Cent. 103. d. ; O. cult.

5. sessiliflorum. Lindl. S. Martha.
O. L. d.

Vanilla. Swartz.

[illegible] to many, often [illegible]. [illegible] [illegible] with column [illegible] [illegible]. Column long, [illegible]. [illegible] [illegible] [illegible]. Fruit [illegible]

1. aromatica. Sw. — [illegible].
   [illegible]; Loud 761.
2. planifolia. Plum. — W. Indies
   Ibid. d.
3. claviculata. Ldly. — . . .
   Ibid. d.
4. grandiflora. Ldly. — Guiana
   Ibid. d.
5. lutescens. Moq. Sand. — La Guayra
   O. cult.
6. bicolor. Lodd. — Guiana
7. [illegible] — Caracas.
8. Pompona — Mexico
9. [illegible]
10. angustifolia

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